2022 Academic Year Course Guide & Syllabus Table of Contents

Philosophy and Policy p. 3-5
Course Guide
The curriculum of the Department of Veterinary Nursing, Faculty of Veterinary Nursing
I. Classes and Registration p. 8-14
1. structure of courses
2. classification of courses
3. class format classification and credit calculation
4. semester and class schedule
5. classes taken
6. English I, II, III, IV
7. course registration
8. graded courses
9. about Moodle
10. absence form
11. classes cancellation
12. supplementary lectures
13. office contact and office hours
II. Examination and Evaluation p.15-17
1. earning credits
2. type of test
3. exam procedures
4. announcement of examination results and procedure for retake examination
5. grading
6. recognition of credits for academic achievements outside the University
III. Student Support p. 18
1. class advisor system
2. office hours
3. student Counseling Room
4. doctor's office
5. student Support Division
IV. Academic Records (Leave of Absence, Withdrawal, etc.) p. 19
1. leave of absence
2. return to school
3. expulsion from school
4. expulsion

- V. Graduation p. 20
 - 1. graduation requirements
- VI. Taking Courses Outside the University and Credit Approvalp.21-22
 - 1. courses taken under the University Consortium Hachioji Credit Transfer System
 - 2. credit approval for English courses
 - 3. transfer of credits already earned prior to enrollment

Syllabus

1. Liberal Artsp	. 30-70
Humanities and Social Science-	
Nature and Environment	
Language, Information, and Sports	
2. Specialized Subjects	. 71-231
Basic subjects	
Special subjects	
General subjects	

Academic Regulations

Yamazaki College of Veterinary Nursing Academic Regulations p. 233-251 Chapter 1. General Provisions Chapter 2. General Rules for Faculties Chapter 4. Public Lectures Chapter 5. Miscellaneous Provisions

Yamazaki University of Animal Health Technology, Faculty of Animal Health Technology, Course Regulations.....p. 252-265 Chapter 1. General Provisions Chapter 2. Enrollment Chapter 3. Testing Chapter 4. Grading Chapter 5. Others

Yamazaki University of Animal Health Technology Bylaws Concerning Tuition and Other Fees for Students Enrolling Beyond the Completion of Their Course of Study

.....p. 266-267

Philosophy and Policy

University, Faculty, Department, Degree English Notation

Name of the University: Yamazaki University of Animal Health Technology Name of department: Faculty of Animal Health Technology Name of Department: 1) Department of Animal Health Technology 2) Department of Human Animal Relations Degree: Bachelor of Animal Health Technology

Basic Education Policy Spirit of Foundation

"Reverence for Life"

"Independence as a professional "

To acquire rich humanity and broad perspective as a professional to contribute to constructing a peaceful society where people and animals coexist in harmony, with respect and boundless love for the wide variety of life that exists on earth.

Educational Philosophy

"Live a Life"

Under the founding spirit of the University, education at the University is based on "education for life.

Three Policies

Department of Animal Health Technology

1) Diploma Policy (Policy on Graduation and Awarding of Bachelor's Degrees)

Students enrolled in the program for more than one year and have completed the prescribed number of credits will be approved for graduation and awarded a bachelor's degree (Bachelor of Animal Health Technology).

- a) Understand the university's founding spirit and educational philosophy, follow the spirit of animal welfare, have a philosophy of symbiosis between humans and animals and a sense of ethics, and acquire rich humanity and broad perspective.
- b) Acquire fundamental theories and skills related to animal nursing.
- c) Acquire the applied theories, techniques, and problem-solving skills required in the increasingly sophisticated and specialized field of veterinary medicine.
- d) Develop communication and social skills and acquire the ability to be a professional, leader, and veterinary nurse who has a sense of mission and contributes to society.

2) Curriculum Policy (Policy for Curriculum Development and Implementation)

To reflect the Diploma Policy in the curriculum, the following liberal arts education subjects and specialized education subjects (basic specialized subjects, specialized subjects, and general subjects) will be arranged.

- a) In the liberal arts education subjects, subjects such as humanities and social sciences, natural sciences, and language and information are arranged and connected to the specialized education subjects to acquire the idea of symbiosis between humans and animals and a sense of ethics and to cultivate rich humanity and a broad perspective, following the spirit of animal welfare.
- b) In the primary subjects for specialization, students learn the fundamental theories and techniques required for

animal nursing, such as Introduction to Life Science, Introduction to Animal Nursing, Introduction to Animal-

Human Relations, and Animal Morphology and Function, which are positioned as an introduction to the specialization subjects.

- c) In the specialized subjects, subjects corresponding to advanced and specialized veterinary medicine are arranged. Subjects such as animal nursing social work, animal oral care theory, animal rehabilitation, elderly animal nursing, and exotic animal nursing are arranged as distinctive subjects. In addition, subjects such as animal nursing social work, animal oral care theory, animal rehabilitation, elderly animal nursing, and exotic animal nursing are arranged as unique subjects.
- d) In general subjects, students will develop social skills through training and volunteer activities, assembly hours (self-directed education and career education), internships, graduation theses, and other subjects, and build basic human development and leadership skills as members of society.
- 3) Admission policy (admission policy)
- The University's admission policy is as follows.
- a) Those who sympathize with the founding spirit and educational philosophy of the University.
- b) Those who have a deep understanding and love for animals and aim for coexistence between humans and animals.
- c.) Those who can master animal nursing or animal-human relations.
- d) Those who, as members of society, have an international perspective and value communication.
- e) Those who can learn by themselves and make efforts to find solutions.

Department of Human Animal Relations

- 1) Diploma Policy (Policy on Graduation and Awarding of Bachelor's Degrees)
- Students enrolled in the program for more than one year and have completed the prescribed number of credits will be approved for graduation and awarded a bachelor's degree (Bachelor of Animal Health Technology)
- a) Understand the founding spirit and educational philosophy of the University, and in accordance with the spirit of animal welfare, have a philosophy of symbiosis between humans and animals and a sense of ethics, and acquire rich humanity and broad perspective.
- b) Acquire fundamental theories and skills related to animal-human relations.
- c) Acquire the applied theories, techniques, and problem-solving skills required in the diversified and expanding pet-related industries.
- d) Develop communication and social skills and acquire the ability to be a professional, a leader, a person with a sense of mission, and a contributor to society.
- 2) Curriculum policy

In order to reflect the Diploma Policy in the curriculum, the following liberal arts education subjects and specialized education subjects (basic specialized subjects, specialized subjects, and general subjects) will be arranged.

- a) In the liberal arts education subjects, subjects such as humanities and social sciences, natural sciences, and language and information are arranged and connected to the specialized education subjects to acquire the idea of symbiosis between humans and animals and a sense of ethics and to cultivate rich humanity and a broad perspective, following the spirit of animal welfare.
- b) In the primary subjects for specialization, students learn fundamental theories and techniques required for animalhuman relations, such as Introduction to Life Science, Introduction to Animal Nursing, Introduction to Animal-Human Relations, and Animal Morphology and Function, which are positioned as an introduction to the

specialization subjects.

- c) In the specialized subjects, in response to the diversification and expansion of pet-related industries, distinctive subjects such as human-animal relationships, public health, pest science, zoos and aquariums, pet-related industries, animal-assisted therapy, and assistance docks will be arranged. Students will learn applied theories, techniques, and problem-solving skills as professionals.
- d) In general subjects, students will develop social skills through training and volunteer activities, assembly hours (self-directed education and career education), internships, graduation theses, and other subjects, and build basic human development and leadership skills as members of society.
- 3) Admission policy

The University's admission policy is as follows.

- a) Those who sympathize with the founding spirit and educational philosophy of the University.
- b) Those who have a deep understanding and love for animals and aim for a prosperous coexistence between humans and animals.
- c) Those interested in animal-human relations and have the basic academic skills necessary to acquire basic and specialized knowledge and skills.
- d) Those who, as a member of society, can take an international perspective, value communication, and strive to learn and find solutions on their own.

Course Guide

About the curriculum of the Faculty of Animal Health Technology

The curriculum of the Faculty of Veterinary Nursing at Yamazaki College of Veterinary Nursing is based on the founding spirit of "Reverence for Life" and "Independence as a professional," as well as the educational philosophy of "Live a Life."

In the first year, students are equipped with a spirit of animal welfare, an understanding of human beings, and an ethical perspective that respects life to acquire rich humanity and a broad perspective.

The Department of Veterinary Nursing aims to train students to acquire sufficient knowledge and advanced skills to respond to the increasing specialization and sophistication of veterinary medicine and develop human resources who can actively exercise leadership as veterinary nurses. The specialized education courses in the Department of Human Animal Relations aim to develop human resources who can acquire sufficient knowledge and advanced skills to play an active role in a wide range of fields such as animal-related industries, animal welfare, animal protection and conservation, and contribute to the development of these fields.

The distinctive feature of the curriculum is the close and organic relationship between liberal arts education subjects and specialized education subjects and between basic specialized subjects, specialized subjects, and general subjects. A wide variety of essential subjects support the practical specialized subjects, and the practical training subjects arranged from the first year create the foundation for more advanced technology.

Students can choose courses that will help them build their careers with an eye to their future from the second year onward. In addition to on-campus lectures and practical training, the curriculum also includes off-campus veterinary practice and internships to create practical education opportunities and increase opportunities to gain a wide range of experience through domestic and international training. We aim to educate people with an international perspective who can contribute to animal-related fields in demand in society.

I. Classes and Registration

1. Structure of courses

There are two types of courses offered by the University: compulsory courses and elective courses.

(1) Required courses:

These are courses that must be taken to graduate. Students are required to take these courses every semester and year to earn credits.

(2) Electives:

These are courses that students select from a set list of courses. In principle, they are taken in the year and semester in which they are distributed.

2. Classification of courses

The University's courses are divided into the following categories according to the content of the course.

(1) General Education Courses (liberal arts)

Following the spirit of animal welfare, subjects are arranged to develop the idea of symbiosis between humans and animals and a sense of ethics and cultivate rich humanity and a broad perspective, leading to specialized education subjects.

a) Humanities and Society

The program aims to understand the structure and various problems of modern society from a broad perspective, deepen understanding of human spiritual and cultural activities, and thereby acquire the ability to respond appropriately to changes in society.

b) Nature and Environment

This course aims to learn about the destruction of nature and environmental problems caused by human activities and industrial activities, understand the effects of these problems on animal ecology, understand the various life phenomena that animals exhibit, and acquire a broad knowledge of animals.

c) Language, Information, Sports

The program's objectives are to acquire the literacy skills (reading and writing) necessary for understanding different cultures in international society, developing report writing skills and communication skills, recognizing the importance of sports in daily life, and maintaining and improving health and physical fitness.

(2) Specialized education subjects

In the Department of Animal Nursing, students will systematically learn the fundamental theories and techniques related to animal clinical nursing and health management to acquire animal nursing science, mainly for companion animals. The courses are designed to cultivate the knowledge and skills required in these fields.

a) Basic Subjects

This course is designed for students to acquire the fundamental theories and techniques for studying specialized subjects.

b) Special subjects

This course is designed to cultivate specialized knowledge and skills for the field of animal nursing or animal-

human relations.

Department of Animal Health Technology

This course is designed to systematically learn theories and techniques related to animal nursing, health and hygiene management, nutrition, breeding management, and rehabilitation.

Department of Human Animal Relations

This course is designed for students to systematically learn about animal intervention therapy, intervention activities, intervention education, and the humanities and social sciences necessary for these activities and theories and techniques related to industrial animals, laboratory animals, and wild animals.

(3) General subject

Special seminar I and Special seminar II, which are unique to our University, are designed to educate students about life as a part of their education, to enrich their education, to foster rich humanity and the ability to explore issues, and to develop essential skills as members of society, as well as to provide exciting content that reflects the times.

In addition, the internship program provides students with the opportunity to experience the occupational perspective necessary to fulfill their social roles in their respective fields of work and learn about their occupations' suitability.

3. Class format classification and credit calculation

The credit system of the University is based on the Standards for the Establishment of Universities of the Ministry of Education, Culture, Sports, Science and Technology. According to Article 23 of the University Regulations, 45 hours of study are required to earn one credit. Credit credits for lecture, seminar, and practical courses are calculated based on one hour (45 minutes) and 15 class sessions.

Lecture: A form of teaching in which a teacher imparts knowledge through one-way explanations to students.

Exercise: Class format in which students receive guidance through discussions and research presentations and lectures by faculty members.

Training: This is a class method that allows students to learn about the natural world (actual products) based on their knowledge.

Concept of the number of hours of study required to earn one credit

Outside the class (Preparation) 1 hour (45 minutes) x 15 times = 15 hours

Class time 1 hour (45 minutes) x 15 times = 15 hours

Outside of class (review) 1 hour (45 minutes) x 15 times = 15 hours

The total will be 45 hours.

In other words, in order to earn credits, students must prepare and review outside of class time.

This is a prerequisite for doing so.

The basic unit of instruction at the University is two hours (90 minutes) per period (90 minutes). The number of classes is 15. Therefore, the actual calculation of credits for each class category at the University is as follows

Classification	Number of credits	Weekly class hours	Weekly preparation and review	Number of lessons	Total hours of study
Lastura	2 credits	Two hours. (90 minutes in real-time)	Four hours.	15 times.	90 hours (2 credit hours of study)
Lecture	1 unit	Two hours. (90 minutes in real-time)	Four hours.	Eight times.	48 hours (1 credit hour of study)
Exercises	1 unit	Two hours. (90 minutes in real-time)	One hour	15 times.	45 hours (1 credit hour of study)
Training	Praining2 creditsFour hours. 2 hours (90 minutes) x 2 sessionsTwo hours.		15 times.	90 hours (2 credit hours of study)	

4. Semester and class schedule

(1) The University has two semesters, the first semester and the second semester, based on the academic calendar of the academic year, and classes are held from Monday to Saturday in principle.

First period	9:10 - 10:40
Second period	10:50 - 12:20
Third period	13:10 - 14:40
4th period	14:50 - 16:20
5th period	16:30 - 18:00

(2) The University conducts classes in two-hour (90-minute) units, so the daily class time is as shown in the table below.

5. Classes taken

Classes will be organized according to the actual number of students enrolled and the characteristics of the subject.

6. English I, II, III, IV

For English, an English learning tendency test is administered during orientation, and classes are assigned based on the test results.

7. Course registration

Students must register for the courses they wish to take for each semester of the academic year within a specified period after selecting the courses. Students are required to accurately register for required and elective courses to meet graduation requirements. Grades will be issued for all courses upon registration. You will not be able to earn credits for attending classes that you have not registered for. In addition, it is not permitted to change courses after the course registration/change period.

Also, please pay attention to the following items when registering for courses.

(1) Course plan

When registering for courses, please consider the following points when planning your course schedule for the year. In principle, each course should be taken in a given year and semester, and students should plan and take

courses to fulfill graduation requirements in four years. However, Liberal Arts courses may be taken in the lower years. Read the "Curriculum Chart" and "Syllabus" carefully to get an overview of the curriculum.

(2) Maximum number of credits for course registration

The maximum number of credits per semester is set at 22 credits to ensure appropriate study time. However, some courses are not included in the number of credits. For details, please refer to Article 6 of the Course Regulations of the Yamazaki University of Animal Health Technology, Faculty of Animal Health Technology, Department of Animal Health Technology.

(3) Course registration procedures

Please register on the web by the designated date according to the method instructed in the orientation and on the bulletin board.

(4) Modification of course registration

Elective courses that have been registered cannot be changed after the registration/change period.

(5) When classes are not offered

If the total number of applicants is less than 10 due to course registration, the course may not be offered. In this case, you will need to modify your course registration.

(6) Taking courses outside the University

It is possible to take courses at other universities. For details, please refer to "VI. Courses taken outside the university and credit recognition."

8. Graded courses

Most of the primary subjects can be taken by the second year. Students can take a systematic, step-by-step approach for specialized education courses, with mainly required courses taken in the first and second years and elective courses taken in the third and fourth years. In order to learn the basics of veterinary nursing, it is essential to take introductory practical training courses in parallel with other lecture courses in the first year.

The lectures and practical training courses on animal clinical nursing will be taken in the following stages: primary, internal medicine, surgery, and comprehensive.

The following courses must be taken in stages. Students who have not earned credit for at least one course each year will not be allowed to take the next level of courses.



To register for Veterinary Practice in the third year, students must have completed all the other subjects (listed in the figure) required in the second year.

9. About Moodle

Moodle will be explained at the orientation.

10. Absence form

In the event of any of the following (1) through (4), please submit the designated absence form available at the office to the class instructor in question.

If the instructor instructs you to do so, please submit a copy of the document(s) proving the reason for your absence directly to the instructor by the end of the following week of the class you missed. If you are going to be late or absent from a class, be sure to contact the office according to the method specified for each class.

		Where to submit						
Reason for absence	Teacher in charge of the class	Secretariat	Remarks					
(1) Infectious diseases (Influenza, etc.)	Report of a school absence	Medical certificate or certificate of cure (specifying the period of time) after doctor's permission for attendance	In the case of influenza (excluding specified avian influenza and new strains of influenza and other infectious diseases), until five days have passed since the onset of illness and two days have passed since the fever has broken. In the case of influenza (excluding specified avian influenza and new strains of influenza, etc.), until five days have passed since the onset of illness and two days have passed since the fever has broken. For more information on the new coronavirus, please refer to the separate article.					
(2) Your family Bereavement of (first, second, or third degree) relatives	Report of a school absence	Bereavement notification and a copy of the document proving the funeral (funeral thank you letter, etc.)	The following days will be counted as absence due to bereavement. (i) Death of parents (first degree), spouse, or children: Within 7 consecutive days (2) Death of a grandparent or sibling (second degree): Within 5 consecutive days (3) Death of great-grandparents, uncles, aunts (third degree): within 3 consecutive days <u>A legal event does not fall under</u> the category of bereavement.					
(3) Natural disasters and resulting suspension of transportation, accidents, etc.	Absence report, certificate issued by public institution or transportation (delay certificate, etc.)							
(4) Other training and job hunting activities	report of a school absence	Documentsprovingparticipationintrainingandemployment sites						

An absence will not be counted as attendance even if the absence form is submitted. However, in the case of class absences, if the course clearly states that "class participation" will be factored into the grading, it may be considered when evaluating the grade.

If you are absent from a regular exam, in principle, you must notify the office of your absence in advance and submit an absence report with proof of the reason for your absence to the office by the day after the exam you missed. It will be possible to take a supplementary examination depending on the reason.

11. Classes cancellation

Take the following steps.

- (1) If a class is canceled, it will be announced on the campus bulletin board or via Moodle by the instructor in charge of the course.
- (2) If there is no prior notice and the instructor is not visible 15 minutes after the start time of the class in question, please follow the instructions of the Educational Affairs and Student Affairs Division.
- (3) The following are the criteria for taking measures such as canceling classes in emergencies. Suppose the following criteria are met, and the University determines that measures such as canceling classes are necessary. In that case, students will be notified via the web bulletin board and emergency email. This does not mean that classes will be automatically canceled due to transportation cancellations. Please be sure to check the web bulletin board or emergency email for emergency measures.

Yamazaki University of Animal Health Technology Cancellation Policy

In the event that the Keio Line or other transportation services are suspended due to accidents, strikes, etc., classes will be held as usual to the extent possible. However, if transportation is suspended due to a natural disaster, the following measures will be taken to cancel classes.

- (1) If either the Keio Sagamihara Line or Keio Line is out of service as of 6:00 a.m., the morning classes will be canceled.
- (2) If either the Keio Sagamihara Line or the Keio Line is canceled as of 10:00 a.m., the afternoon classes will be canceled.
- (3) If all or part of the lines listed in the preceding paragraph, as well as the JR Yokohama Line, Odakyu Line, and Tama Monorail, are closed or are expected to be closed, classes will be canceled on a case-by-case basis.
- (4) For regular examinations, etc., the start time of the examination may be delayed, or the examination may be canceled following the preceding paragraph. If an examination is canceled, it will be rescheduled for an extra day.

The term "suspension of operations" refers to the suspension of all operations on the line in question that has been confirmed by television and radio.

Time to decide to cancel classes

Classes that start in the morning will be decided by 6:00 a.m. For afternoon classes, the decision will be made by 10:00 a.m.

12. Supplementary lecture

If a class is canceled, a make-up class will be given in principle. Details will be posted on the bulletin board, web bulletin board, or via Moodle.

13. Office contact and office hours

Communication and instructions from the Educational Affairs and Student Affairs Division will be posted on the designated bulletin board.

Office hours (Monday through Saturday): 9:00 a.m. to 5:00 p.m.

II Examination and Evaluation

1. Earning credits

In order to earn credits, students must complete class subjects, submit assignments, take examinations, and pass other comprehensive evaluations (Course Regulations, Article 7).

If you have any questions about earning credits, please do not worry about it alone. Please consult with your instructor or class advisor and make sure to earn credits.

2. Type of test

(1) Regular examinations

Examinations are held within the designated period of the first and second semesters to earn credits. However, the timing of the examinations may be changed due to circumstances or depending on the subject.

Suppose you are absent from a regular exam without permission or for reasons that do not fall under the category of unavoidable circumstances. In that case, you will lose the right to take the retake exam.

(2) Supplementary examination

The examinations are held for students who were unable to take the regular examinations due to (1) through (4) in "10. Notification of Absence" in "I. Classes and Enrollment" above, and who have been granted permission after attaching documents proving the unavoidable circumstances. If you are absent from a regular exam for unavoidable reasons, be sure to contact the Educational Affairs and Student Affairs Division in advance, and submit an absence report and proof of absence to the office by 5:00 p.m. on the day following the exam you missed. To find out if you are eligible for a retest, please refer to the announcement for retests.

However, even if a student is absent for reasons that qualify for a retest, the student may not be able to take the retest depending on the evaluation standards of the course instructor. For more details, please check the "Course Regulations, Article 14".

(3) Re-examination

An examination is given to students who have taken and failed a regular examination.

3. Exam Procedures

(1) Applicants who have not paid tuition, training fees, or other school fees are not eligible to take the examination unless approved by the President.

(2) Those who do not bring their student ID card will not be allowed to take the examination. If you forget your student ID card on the day of the examination, be sure to obtain a temporary student ID card (500 yen fee) from the Educational Affairs and Student Affairs Division before the examination begins, and present it on the desk at the examination site.

(3) The seating area for examinees will be posted at the test center. Please be sure to take your seat in the designated area and present your student ID or temporary student ID on the desk. If you are taking a supplementary examination or a retest, you must also present your "Permission to Take a Supplementary Examination or Retest." You will not be allowed to take the exam if you do not present the "Permission to Take the Additional"

Examination."

- (4) Do not keep textbooks, reference books, notes, memos, etc., around you in the test room unless otherwise specified.
- (5) Abstentions will not be accepted after the questions and answer sheets have been distributed. Therefore, all examinees must submit their answer sheets.
- (6) Students will not be allowed to enter the room more than 25 minutes after the start of a regular examination; after 30 minutes, they will be allowed to leave the room at the direction of the proctor.
- (7) If you cheat, or are found to have done so, or if you fail to follow the supervisor's instructions, you will be ordered to leave the room immediately, and all the subjects you have taken during that examination period will be invalidated.
- (8) Students who are absent without permission or for reasons that do not fall under the category of "unavoidable circumstances" will not be eligible for retests.

4. Announcement of examination results and procedure for retake examination

After the regular exam period, the announcement of retests and registration for retests will be made, so be sure to come to school to check your results.

For students who failed the regular examinations in the first and second semesters, an "Application for Retake Exam" will be distributed at the time of the announcement of the candidates for retake examinations and the registration date for retake examinations.

If a student is unable to confirm the announcement of retests and register for retests due to unavoidable circumstances, the student's guarantor or an equivalent person will be allowed to confirm and register on behalf of the student.

(1) Supplementary examination

If you are absent from a regular exam for unavoidable reasons and are permitted to take a supplementary exam, please fill in the necessary information on the application form for the supplementary exam and receive a "Permission to Take a Supplemental Exam" for that course. No examination fee will be charged.

(2) Re-examination

Fill in the necessary information on the "Application for Retake Examination" form, submit it to the Educational Affairs and Student Affairs Division with a retake examination fee of 2,000 yen per course, and receive a "Retake Examination Permit" for that course.

5. Grading

(1) Announcement of final results

The results of the first and second semesters will be posted on the web portal site.

The student's grades will be notified to the student and sent to the guarantor.

(2) Grading and GPA system

a. Grading, judgment, and GP (Grade Point) are as follows.

Rating	100 to 90 points	89-80 points	79-70 points	69-60 points	59 points or less
--------	---------------------	--------------	--------------	--------------	----------------------

Evaluation	S	А	В	С	D
judgment		rejection			
G P	4	3	2	1	0

The grade of the course is based on the overall evaluation of the student's performance in the examinations, supplementary examinations, and re-examinations, the level of participation in the class, and the student's average academic performance. The grade for retests will not exceed the minimum grade for students who pass the regular examinations. A grade of D is a failing grade.

b. GPA

GPA is a system that uses Grade Point Average (GPA) as an index for judging overall academic performance to accurately grasp the status of one's academic performance and use it for appropriate course planning and learning. This system uses Grade Point Average (GPA) as an indicator to judge overall academic performance.

c. How to calculate GPA

Number of credits in S x 4 + Number of credits in A x 3 + Number of credits in B x 2 + Number of credits in C x 1

Number of registered credits

The calculation of GPA is based on all courses except for those whose evaluation is "approved." Therefore, your points will be lower if you have many failed courses due to poor attendance or poor grades. Please carefully consider the courses you register for, taking into account the time you have for study.

Full-year courses will be included in the second semester, and GPA will be calculated.

"If a student retakes a course in which he or she received a failing grade, the GPA will be calculated by including the retaken course in the GPA for the semester in which it was taken. However, even if the student passes the course after retaking it, the failing grade from the previous course is still calculated in the GPA.

(3) GPA-based course guidance

If a student's GPA is below 1.0 for a semester, the student will be supervised by the class advisor and assistant advisor; if the GPA is below 1.0 for two or more consecutive semesters, the class advisor and an assistant advisor will hold a four-way conference with the student and guarantor. In the case of two or more consecutive semesters below 1.0, the class advisor and assistant advisor will hold a four-way conference with the student advisor will hold a four-way conference with the student and guarantor.

(4) In the event of a missed retest

Absent students will not be required to retake the exam.

6. Recognition of credits for academic achievements outside the University

Courses taken outside of the University that have been approved for credit will appear as "approved" on your transcript. For details, please refer to "VI. Courses taken outside of the University and Credit Approval.

III Student Support

1. Class advisor system

A full-time faculty member will be in charge of each class as a class advisor, and the head of year, deputy head of year, and assistant advisors will work together to provide detailed counseling and advice to students regarding their course work, course guidance and advice, and general student life.

2. Office hours

Full-time faculty members are available for student consultation during office hours, which are equivalent to two class periods each week. The office hours of each faculty member will be posted on the bulletin board at the beginning of each academic year.

3. Student Counseling Room

Counselors are available to help you with your problems and issues to lead a meaningful student life. For details, please refer to the Student Handbook.

4. Doctor's office

This can be used when you need to take a break on campus. Please refer to the Student Handbook for details.

5. Student Support Division

The University has a variety of administrative departments to support student life. Please refer to the Student Handbook for details.

(1) Academic Affairs and Student Affairs Division

We support students in matters related to classes, such as course registration and curriculum, as well as in matters related to student life, such as the issuance of various certificates and club activities.

(2) Employment Support Section

We introduce job opportunities to students and graduates, provide employment information, and conduct necessary guidance, various seminars, and company information sessions for each year.

(3) Library Section

The library provides services such as lending and browsing books and audiovisual materials and searching electronic journals.

IV Academic Records (Leave of Absence, Withdrawal, etc.)

1. Leave of absence

(1) Procedures for Leave of Absence

Students who cannot complete the following semester due to illness or other unavoidable reasons may apply for a leave of absence with a guarantor's signature. If you wish to take a leave of absence, you must consult with your class advisor, fill out the "Request for Leave of Absence" form, and submit it to the President for approval. In case of illness, a doctor's note must be attached.

(2) Period of absence from school

As a general rule, a leave of absence is limited to a one-half year or one year and cannot exceed one year. In principle, a leave of absence is limited to a one-half year or one year and cannot exceed one year. However, if particular circumstances are recognized, the leave of absence may be extended for another year. The total period of absence cannot exceed four years.

(3) School fees

Students who are granted or ordered to take a leave of absence will be exempted from paying tuition and practice fees, but must pay the enrollment fee (facility fee).

2. Return to school

When the leave of absence has expired, or when the reason for the leave of absence has been resolved, the student must consult with the class advisor, fill out the "Application for Return to School," sign it with a guarantor, and submit it to the President for approval. If you have taken a leave of absence due to illness, you must submit a doctor's note stating that you are fit to return to school.

3. Expulsion from school

(1) Application for withdrawal from school

Students who wish to withdraw from the University must consult with their class advisor, fill out a "Request for Withdrawal" form, sign it with their guarantor, and submit it to the university president for approval.

(2) School fees

Students who have not paid the tuition for the semester will not be accepted even if they submit a withdrawal form.

4. Expulsion

In the following cases, the student will be expelled. (Article 36 of the School Regulations)

- (1) Those who have exceeded the period of enrollment as specified in Article 14 of the School Regulations
- (2) Those who are unable to continue their studies after the period of absence
- (3) Those who fail to pay the tuition fee and do not pay it even after being reminded.
- (4) Persons who have died or who have been missing for a long time.

V Graduation

1. Graduation requirements

Students must be enrolled in the University for at least four years, earn a total of 124 credits or more in the breakdown shown in the table below, and should be approved for graduation by the President.

The requirements vary by department

(Department of Animal Health Technology)

	Classification	Required (subject)	Choice	Total		
	Humanities and Society	2				
General Education	Nature and Environment	6	16	30		
Courses	Language, Information, Sports	6	6			
Subtotal		14				
	Basic subjects	24				
Specialized Education	Special subjects	54	10	94		
	General subject	6				
Subtotal		84				
Total		98	26	124		

(Department of Human Animal Relations)

	Classification	Required (subject)	Choice	Total
General Education Courses	Humanities and Society	2		
	Nature and Environment	4	18	30
	Language, Information, Sports	6		
Subtotal		12		
	Basic subjects	16		
Specialized Education	Special subjects	41	33	94
	General subject	4		
Subtotal		61		
Total		73	51	124

VI Taking Courses Outside the University and Credit Approval

1. Courses taken under the University Consortium Hachioji Credit Transfer System

There are 25 universities, junior colleges, and technical colleges in the Hachioji area, and about 110,000 students are studying there, making it one of the leading academic cities in Japan. The "University Consortium Hachioji" was established in April 2009 to take advantage of the region's characteristics and make the city even more attractive to universities, students, and citizens through cooperation and collaboration among universities, citizens, and economic organizations, businesses, and government.

One of the various projects of the University Consortium Hachioji is the credit transfer program. The following universities, junior colleges, and technical colleges (hereinafter referred to as "universities, etc.") have concluded credit transfer agreements to promote cooperation, exchange, and collaboration, contributing to the revitalization and enhancement of education, and provide students with various learning opportunities. Students enrolled in these universities can take classes offered by other universities without paying registration fees, and earn credits by passing exams. Please check the university bulletin board for various information regarding credit transfer.

(1) List of Partner Institutions for Credit Transfer (FY 2020)

Kyorin University, Kogakuin University, Salesian College of Technology, Soka University, Takushoku University, Tama Art University, Teikyo University, Teikyo University Junior College, Tokyo Kasei Gakuin University, Tokyo University of Technology, Tokyo National College of Technology, Tokyo Junshin University, Tokyo Zokei University, Meisei University, Yamano College of Aesthetic Arts

(2) Course registration

Please follow the instructions given by the office during the orientation in April to register for courses.

(3) Requirements for students who can take the course

Students in their second year or above are eligible to take courses under the University Consortium Hachioji Credit Transfer System.

(4) Fields of study when credits are earned

Credits earned through the University Consortium Hachioji Credit Transfer System will be counted as elective credits in the liberal arts education courses required for graduation from the University.

2. Credit approval for English courses

(1) Credit approval

Students who have taken various examinations that can be used as objective indicators of English language proficiency prior to or after enrollment in the University and have obtained scores that meet the following certification criteria may apply for credit in English language courses at the University.

(2) Certification criteria

1) Approved as 2 credits of general education English courses

TOEIC® 600-649

TOEFL® (PBT/CBT/iBT) 500/173/61 to 522/192/70

2) Approved as 4 credits of general education English courses

TOEIC® 650 or higher

TOEFL® (PBT/CBT/iBT) 523/193/71 or higher

However, all of the above must be within 12 months of obtaining the score. Those who wish to be certified by other examinations should inquire at the Educational Affairs and Student Affairs Division.

(3) Application procedures

Those who wish to receive credit must fill out the prescribed "Application for English Credit Approval" and submit it to the Educational Affairs and Student Affairs Division with the certificate (a copy is acceptable) attached. The application period is within the first week of the first semester or the second semester (during the course registration and change period). Applications received after this period will not be accepted.

(4) Notification

The student will be notified of the approval or disapproval of the credit. If there is a need for an interview during the screening stage, the student will be notified via the bulletin board.

3. Transfer of credits already earned prior to enrollment

- (1) If it is determined that the content of a course that you have earned credits for at another university or junior college before entering Tohoku University is the same as or similar to the content of a course offered at Tohoku University, the course may be replaced with a course offered at Tohoku University and the credits for that course may be recognized.
- (2) Those who wish to receive credit should fill out the prescribed "Application for Credit Approval for Previously Earned Courses" with the course title and submit it to the Educational Affairs and Student Affairs Division along with a syllabus showing the course content, materials, grades, and proof of credit acquisition.
- (3) The application period is within the first week of the first semester or the second semester (during the course registration and change period).
- (4) The maximum number of credits granted as University credits by replacing previously earned credits is 60.
- (5) The applicant may be asked to explain the contents of the class by the teacher in charge of the relevant course, if necessary.

Department of Animal Health Technology Curriculum for Students Entering after 2022

Note1	:The number in the	table is the number of	credits, and a circle (O)	indicates an optional subject.
-------	--------------------	------------------------	-----------------------------	--------------------------------

Note2 $: \Delta$ can be taken only once during the period concerned.

Su	Subject Course title		1st	1st year		2nd year		3rd year		year	Pomorko	
g	roup	Course title	Spring Autur		Spring	Autumn	Spring	Autumn	Spring	Auturn	Remarks	
		Bioethics and Animal Welfare				2						
		Philosophy		2								
		Law in Everyday Life	2									
General	Humanities and	Life and Economy	2									
	Social Science	History of Art			(2)							
		Psychology				(2)						
		Animal and Journalism		2								
		Career Management				0						
		Basic Biolomy		2		C					Take at	
		Basic Chemistry	2	2							least 18 credits from	
Education Courses	Nature and Environment	Basic Directionally	2	2							all liberal	
(liberal Arts)		Easic Biochemistry		2		0					education	
		Environmental Science	-	-		Ø					subjects	
			-									
		English II		1								
		English III			1							
	Language, Information, and	English IV		0		1						
	Sports	French Basic Course		(2)								
		Information Literacy(Basic)	1									
		Information Literacy(Applied)		1								
		Wellness & Physical activity			2							
		Introduction to Life Science			2							
		Biotechnology						2				
	Basic subjects	Veterinary Technology Outline	2									
		Introduction to Animal-Human Relations		2								
		Animal Functional Anatomy	2									
		Animal Physiology		2								
		Practice of Animal Anatomy and Physiology				2						
		Animal Environmental Science			2							
		Animal Behavior				2						
		Animal Genetics		2								
		Theriogenology						2				
		Veterinary Pharmacology			2							
		Veterinary Pathology			2							
		General Theories of Veterinary Clinical Nursing	2									
		Practice of Veterinary Medical Nursing I	-	2								
		Veterinary Medical Nursing		-		2					Take more	
Specialized		Practice of Veterinary Medical Nursing II		-		2					credits from	
Education		Veterinary Surgical Nursing		-		-	2				specialized education	
		Practice of Veterinany Surgical Nursing		-			2				subjects	
		Practice of Veterinary Surgical Nursing		-			2					
		Particular Theories of Veterinary Clinical Nursing I		-			2	0				
		Particular Theories of Veterinary Glinical Nursing II		-				2				
		Practice of Veterinary Clinical Nursing			_			Q				
	Special Subjects	Veterinary Laboratory Medicine		-	2				-			
	oubjects	Practice of Veterinary Laboratory Medicine			2							
		Particular Theories of Veterinary Clinical Nursing III	<u> </u>	<u> </u>	<u> </u>				(2)			
		Equipment Theory for Veterinary Medicine		<u> </u>			1	0				
		Veterinary Oral Care		<u> </u>				(2)				
		Practice of Veterinary Oral Care						2				
		Zoonosis						2				
		Public Health				2						
		Animal Biochemistry					2					
		Veterinary Infectious Diseases I			2							
		Veterinary Infectious Diseases II						2				

Subject		Course title		year	2nd year		3rd year		4th year		Remarks
gro	oup		Spring	Autumn	Spring	Autumn	Spring	Autumn	Spring	Autumn	Kemarka
		Small Animal Nutrition			2						
		Small Animal Clinical Nutrition				2					
		Veterinary Nursing of Exotic Animals							2		
		Veterinary Medical Communication							1		
		Theories of Pet Loss and Bereavement							2		
		An Introduction to Medical Rehabilitation					2				
		Veterinary Rehabilitation and Physical Therapy							2		
		Practice of Comprehensive Veterinary Nursing					2	2			
		Guidance Theory of Animal Welfare and Proper Care	2								
		Practice of Animal Welfare and Proper Care			2	2					
		Study of Companion Animal Care(Grooming)	2								
	Special	Practice of Companion Animal Care(Basic Grooming)	1	2							
	Subjects	Practice of Companion Animal Care(Advanced Grooming)			(j	2)					
		Companion Animal Science					2				
		Farm Animal Science					1				
		Laboratory Animal Science						1			
Specialized		Wild Animal Science				2					Take more than 94 credits from
Education		Regulations for Veterinary Nursing	1								specialized education subjects
		Regulations for Animal Welfare and Proper Care	1								
		Medical Safety								2	
		Animal Geriatrics Technology							2		
		Home Care and Home-visit Animal Nursing Care								2	
		Companion Animals-related Industry							2		
		Scientific English					2				
		Statistics			2						
		Practice in Animal Health Technology								1	
		Graduation Thesis							4	4	
		Internship					2	Δ	2	Δ	
	General	Volunteer Study&Activity	1	Δ	1	Δ	1	Δ	1	Δ	
	Subject	Short-term Animal Practical Training Abroad	4	Δ	4	Δ	4	Δ	4	Δ	
		Special Seminar I	0	.5							
		Special Seminar II			0.	.5					
		Special Seminar 🎞					0	.5			
		Special SeminarIV							0	.5	

[Graduation	[Graduation requirement]										
Subject g	group		Required	Elective	Total						
	Humanities and Society		2								
General Education Courses	Nature and Environment	4	18	30							
	Language, Information, Sports		6								
	Subtotal		12								
	Basic subject		24								
Specialized Education	Special subjects		55	9	94						
	General subject	6									
	Subtotal		85								
	Total		97	27	124						

[Remarks]

① For more information on graduation requirements, see the Study Guide on page.

2

If a student takes and earns credits in a specialized education elective offered by the Department of Human Animal Relations, it will be considered as a specialized education elective and will be included in the graduation requirements.

授業科目 目次(動物看護学科)

Subjec	t group	Course title	Lecturers in charge	国部	Page	e Subject	t group	ſ
		Bioethics and Animal Welfare	Katsuki Takahashi	0	30			G
					31			
		Philosophy	Katsuki Takahashi		32			F
	Humanities	Law in Everyday Life	Hiroshi Shibuya		33			
	and Social	Life and Economy	Takashi Yajima		34			
	Science	History of Art	Mika Nagano		35			٢
		Psychology	Rie Kato		36			
		Animal and Journalism	Kunio Nishina		37			F
		Career Management	Akira Nakamura		38			
		Basic Biology	Chie Mogi		39			۲
	Nature and	Basic Chemistry	Makiko Ishikawa		40			
General	Environmen t	Basic Biochemistry	©Takashi Umemura, Fukiko Ueda	0	41			I
Courses		Environmental Science	Makiko Ishikawa		42			
(liberal		English I	Hisako Shimamori, Yukiko Ohashi		43			P
741 (8)		-			48			
		English II	Hisako Shimamori, Yukiko Ohashi		49			Р
		0			 54			
		English III	Yukiko Ohashi, Keiko Abe		55	-		Р
	Language,	o .	Keiichiro Uetsuki		 60			
	Information	English IV	Yukiko Ohashi. Keiko Abe		61			I
	and Sports	ingnon iv	Keijchiro Lletsuki					ľ
		Franch Basic Course	Rie Shirakawa		67			7
		Information Literacy(Basic)	Yoshihiro Wakabayashi		68			ľ
		Information Literacy(Applied)	Yoshihiro Wakabayashi	_	60			р
		Wollnoss & Physical activity	Tami Nakayama		70			ľ
		Introduction to Life Science	©Mieko Oguro, Makiko	_	10	Specialized	Special	
		Introduction to Life Science	Ishikawa Chia Magi		71	Education	subjects	
		Biotochnology	Mieleo Oguro	_	79			H
		Interchanting to Watering on Numing			12			1
		introduction to veterinary ivursing	OAkiniko Uenida, Shiniehiro Imamura		79			É
			Iosnio Okazaki, Takasni Umemura		15			ľ
			Fujiro Sakurai					ŀ
		Introduction to Animal-Human Relations	© Fukiko Ueda, Takuji Okuno		74			1
			Noriko Niijima,Maikiko Ishikawa	0	75			ľ
			Jyunko Akiyama, Takayuki Horii					L
		Animal Functional Anatomy	Shinichiro Imamura	0	76			ľ
								L
		Animal Physiology	Shinichiro Imamura	0	77			5
Specialized	Basic					-		
Education	subjects	Practice of Animal Anatomy and Physiology	Shinichiro Imamura	0	78			S
					_			
		Animal Environmental Science	Chie Mogi	0	79			V
					80			Z
			Chie Mogi		81			Г
		Animal Behavior						
		Animal Behavior			01			A
		Animal Behavior Animal Genetics	Makiko Ishikawa		82			A
		Animal Behavior Animal Genetics Theriogenology	Makiko Ishikawa Takahiro Murakami	0	82 83			A V P
		Animal Behavior Animal Genetics Theriogenology	Makiko Ishikawa Takahiro Murakami	0	82 83			A V P
		Animal Behavior Animal Genetics Theriogenology Veterinary Pharmacology	Makiko Ishikawa Takahiro Murakami © Sachiko Tomita Nana Ushine	0	82 83 84			A V P
		Animal Behavior Animal Genetics Theriogenology Veterinary Pharmacology	Makiko Ishikawa Takahiro Murakami © Sachiko Tomita Nana Ushine Fumiyo Takemura	0	82 83 84			A V P
		Animal Behavior Animal Genetics Theriogenology Veterinary Pharmacology Veterinary Pathology	Makiko Ishikawa Takahiro Murakami © Sachiko Tomita Nana Ushine Fumiyo Takemura Takashi Umemura	0	82 83 84 85			₽ P G

up	Course title	Lecturers in charge	国對	Page					
	General Theories of Veterinary Clinical Nursing	©Sachiko Tomita,Tomoko Suzuki	0	86					
	Practice of Veterinary Medical Nursing I	©Sachiko Tomita,Kana Mitsui Maki Arakawa,Ran Akiyama	0	87					
		Haruka Tomono							
	Veterinary Medical Nursing	⊚Akiko Taniguchi,Fujiro Sakurai	0	88 90					
	Practice of Veterinary Medical Nursing II	⊙Akiko Taniguchi,Kana Mitsui Maki Arakawa Haruka Tomono	0	91 02					
	Veterinary Surgical Nursing	Yuya Kimura _※	0	93					
	Practice of Veterinary Surgical Nursing	⊚Yuya Kimura _{∭,} Ran Akiyama	0	94					
	Particular Theories of Veterinary Clinical Nursing I	©Sachiko Tomita,Akiko Taniguchi Vuva Kimuraw	0	95					
	Yuya Kimura _% Particular Theories of Veterinary Clinical Nursing I ©Sachiko Tomita, Akiko Tanigue								
	Particular Theories of Veterinary Clinical Nursing III	Yuya Kımura _涨 ⊚Toshio Okazaki _≋ ,Akiko Taniguchi	0	97					
	Practice of Veterinary Clinical Nursing	Sayaka Miyai ©Sachiko Tomita,Akiko Taniguchi	0	08					
	Veterinary Laboratory Medicine	Yuya Kimura _≫ ©Toshio Okazaki _≫	0	00					
		Sayaka Miyai	0	99					
	Practice of Veterinary Laboratory Medicine	©Toshio Okazaki _∰ Sayaka Miyai	0	100					
pecial	Equipment Theory for Veterinary Medicine	Tomoko Suzuki		101					
ibjects	Veterinary Oral Care	Tomoko Suzuki		102					
	Practice of Veterinary Oral Care	Tomoko Suzuki		103					
	Zoonosis	Akihiko Uchida		104					
	Public Health	Fukiko Ueda	0	105 106					
	Animal Biochemistry	Mieko Oguro		107					
	Veterinary Infectious Diseases I	Akihiko Uchida	0	108 					
	Veterinary Infectious Diseases II	Takashi Umemura	0	105					
	Small Animal Nutrition	©Hiroshi Sakane ∙ Maki Arakawa	0	1112 113					
	Small Animal Clinical Nutrition	Hiroshi Sakane		113					
	Veterinary Nursing of Exotic Animals	Shinkichi Tsuruno	-	110					
	Veterinary Medical Communication	Haruka Tomoro	0	117					
	Theories of Pet Loss and Bereavement	Noriko Nijijima	-	118					
	An Introduction to Medical Rehabilitation	Jyunnichi Teduka		119					
	Veterinary Rehabilitation and Physical Therapy	Rumi Inoue _{**}	-	120					
	Practice of Comprehensive Veterinary Nursing	©Shinichiro Imamura,Chie Mogi Maki Arakawa Haruka Tomono	0	121					
	Guidance Theory of Animal Welfare and Proper Care	©Takayuki Horii ∙ Nana Ushine	0	122					
	Practice of Animal Welfare and Proper Care	©Takayuki Horii ∙ Nana Ushine Shigeyuki Hosono.∞	0	123					
	1	- •							

	o group	Course title	Lecturers in charge	브라파	n age
Specialized Education	Special subiects	Study of Companion Animal Care(Grooming)	©Takaaki Fukuyama,Maki Arakawa		124
Specialized Education	Special subiects	Practice of Companion Animal Care(Basic Grooming)	©Takaaki Fukuyama,Maki Arakawa Emi Tsuchiya,Yuko Takeda Yuko Hayakawa		125
		Practice of Companion Animal Care(Advanced Grooming)	©Takaaki Fukuyama,Emi Tsuchiya Yuko Takeda,Yuko Hayakawa		126
		Companion Animal Science	©Takaaki Fukuyama,Yukiko Hayata Atsushi Kojima	0	127
		Farm Animal Science	Takahiro Murakami	0	128
		Laboratory Animal Science	⊚Shinichiro Imamura,Takashi Umemura Nana Ushine	0	129
		Wild Animal Science	Takahiro Murakami	0	130
		Regulations for Veterinary Nursing	Fukiko Ueda	0	131 132
		Regulations for Animal Welfare and Proper Care	Kayoko Kojima	0	133
		Medical Safety	Mioko Honda		134
		Animal Geriatrics Technology	⊚Sachiko Tomita,Tomoko Suzuki		135
			Mioko Honda		
		Home Care and Home-visit Animal Nursing Care	⊚Sachiko Tomita,Kana Mitsui Haruka Tomono,Mioko Honda		136
		Companion Animals-related Industry	Yoshio Koshimura	0	137
		Scientific English	Mieko Oguro		130
	General		Malailas Jabilasana		140
	Subject	Bratistics	Makiko Ishikawa		140
		Practice in Animal Health Technology	Shinichiro Imamura		141
		Graduation Thesis	Akihiko Uchida,Takashi Umemura Shinichiro Imamura,Toshio Okazaki		
			Sachiko Tomita,Akiko Taniguchi Yukiko Ohashi,Chie Mogi		142
			Yuya Kimura,Tomoko Suzuki Takaaki Fukuyama,Sayaka Miyai		
		r., 1:	mana wiitsui,ivana Usnine	-	$\left - \right $
		Internship	©'Takayuki Horii,Ran Akiyama Kana Mitsui		143
		Volunteer Study&Activity	©Yoshihiro Wakabayashi,Sayaka Miyai		144
		Short-term Animal Practical Training Abroad	⊚Hisako Shimamori,Go Kato		145
		Special Seminar I	⊙Kana Mitsui,Sayaka Mivai		146
		Special Seminar II	©Yukiko Ohashi.Emi Tsuchiva		147
		Special Seminar III	©Ran Akiyama Hruka Tomono	-	148
			uana ionio anno, in ana ioniono		- × × ∪

授業科目 目次(動物看護学科)

-

About the symbol on the name

 \odot

In the table of contents for courses taught by more than one teacher, and in the syllabus, the teacher with⁽) in front of his or her name is the person responsible for the course

* : (Teachers with "*" after their names are "Experienced Teachers") Please see pages of the Course Guide & Syllabus for details of courses marked with an "X" in the "Experienced teacher" column of the syllabus.

Department of Human Animal Relations for Students Entering after 2022

Note1	: The number in the	table is the number	of units, and a circle(O)	indicates an optional subject
-------	---------------------	---------------------	---------------------------	-------------------------------

S	ubiect		1st	year	2nd	year	3rd	year	4th	year		Sut	piect		1st	year	2nd	year	3rd	year	4th y	/ear	_				
6	group	Course title	Spring	g Autumn	Spring	Autumn	Spring	Autumo	Spring	Autumn	Remarks	gr	oup	Course title	Sprin	g Autum	Spring	Autumn	Spring	Autumn	Spring	Autumn	Remark				
		Bioethics and Animal Welfare				2								Study of Companion Animal Care(Grooming)	2	1		\square				-					
		Philosophy		0		-								Practice of Companion Animal Care(Basic Grooming	-	2	1						1				
		Law in Evendey Life	0	¢.										Practice of Companion Animal Care(Advanced Grooming)		1	0	2					1				
			© ©							-					-	-	4			1	┢──┼		1				
	Humanities and Social Science		Ø											Practice of Companion Animal Behavior	-	-	-	\vdash		0	┢──┤		1				
		History of Art			Ø									Companion Dog Training	-	-				Q			1				
		Psychology		-		(2)								Practical Training of Companion Dog	_						(2)						
		Animal and Journalism		(2)										Characteristics of Domestic Dogs Domestic Cats					2		\square		1				
		Career Management				2					Take at			Characteristical Theory of Exotic Animals	;					2			1				
General		Basic Biology		2							least 18			Characteristics of Companion Birds					2								
Education	Nature and	Basic Chemistry	2								credits from all			Gerontology and Dog Walking						2			1				
(liberal	Environment	Basic Biochemistry		2							liberal arts			Farm Animal Science					1								
Arts)		Environmental Science				(2)					education			Laboratory Animal Science						1			1				
		English I	1								subjects			Wild Animal Science			1	2				_	1				
			L.	1									Special	Regulations for Veterinan/ Nursing	1			-					1				
		English II		<u> </u>	1					-			Subjects	Descriptions for Asiand Welfers and Darrow Com	1	-	-	+			\vdash		1				
	Longuage				-					-				Regulations for Animal Welfare and Proper Care		-	-				┢──┤	_	1				
	Information,	English IV				1				-			r -			-	H	Medical Safety	-	-					┢──┤	2	1
	and Sports	French Basic Course		(2)										Animal Health Emergency Management								2	Taka marr				
		Information Literacy(Basic)	1											Companion Animals-related Industry							(2)		than 94				
		Information Literacy(Applied)		1								Specialized		Pet Business Entrepreneurship								2	credits				
		Wellness & Physical activity			2							Education		Consumer Behavior Analysis								2	specialized				
		Introduction to Life Science			2									Information Risk Management							2		education subjects				
		Biotechnology						2						Animals in Art	1												
		Veterinary Technology Outline	2					_						Animal Cultural Anthropology	-				(2)			_	1				
		Introduction to Animal-Human Relations	-	2																2			1				
			2	2										Zoo & Aquarium Saianaa	+				0	¢			1				
	Basic	Animal Punctional Anatomy	2	0						-				Destals as	-	-		+	C	0	┢──┼		1				
		Animal Physiology		2										Pestology	-	-	-	\vdash		Ø	┢──┤		1				
	subjects	Practice of Animal Anatomy and Physiology				(2)								Scientific English	-	-			2		┢──┤		1				
	4	Animal Environmental Science			(2)									Academic Skills					2		\square		1				
		Animal Behavior				2								Statistics			2						1				
		Animal Genetics		2										Practice in Animal Health Technology								1	1				
		Theriogenology						2						Graduation Thesis							(4	.)	l				
		Veterinary Pharmacology			2									Internship					2	Δ	2	Δ	1				
		Veterinary Pathology			2								General	Volunteer Study&Activity	(1	Δ	1	Δ(1	Δ	1	Δ	1				
		General Theories of Veterinary Clinical Nursing	2										000,000	Short-term Animal Practical Training Abroad	(4	DΔ	(4	Δ((4)	Δ	(4)	Δ	1				
		Practice of Veterinary Medical Nursing I		2										Special Seminar I	(0.5			_			_	1				
		Veterinary Medical Nursing		-		0								Special Seminar I			0	15					1				
		Practice of Veterinary Medical Nursing II				0					Take more			Special Seminar II	+				0	5			1				
		Veteriner Surried Nursing				C)	0			-	than 94 credits				-	-	-	+		.0		5	1				
		Veterinary Surgical Nursing					©			-	from		In Lui	Special Semiflariv			<u> </u>				0.	5					
		Practice of Veterinary Surgical Nursing			_		Ø				specialized education		Graduatio	n requirement	-		1		r –		1						
		Veterinary Laboratory Medicine		_	(2)						subjects			Subject group	Rec	uired	Elec	stive	Tot	tal	1						
		Practice of Veterinary Laboratory Medicine			(2)									Humanities and Society		2					1						
		Zoonosis						2								-					1						
		Public Health				2							General	Natura and Environment		4					1						
		Veterinary Infectious Diseases I			2								Courses	Nature and Environment		4	1	8	3	0	1						
	Special	Small Animal Nutrition			2									Language, Information,		<u>^</u>	1				1						
	Gubjeeta	Human-Animal Interaction				2								Sports		6					1						
		Social Welfare				-	2							Subtotal		12	1				1						
		Clinical Revenalary		1		-	0			-				Gabtotai	1						1						
							C	4		-				Basic subjects		16					1						
		Communication						-	_	-					-		-				1						
		Ineories of Pet Loss and Bereavement	<u> </u>	-	<u> </u>	<u> </u>	-		2	<u> </u>			Specialized	Special subjects	.	41	.				1						
		Theory of Animal Assisted Therapy	<u> </u>		L	<u> </u>	2	_	L	<u> </u>			Education	· · ·	1		3	13	9	4	1						
		Practice of Animal Assisted Therapy-Student Laboratory						2						General subjects		4					1						
		Theory of Assistance Dog					2							ac	4					1							
	c	Companion Animal Breeding and Their Resources					2							Subtotal			L				l						
							-	-	-	T			Total		_			_	_		1						
		Guidance Theory of Animal Welfare and Proper Care	2											Total		/3	5	51	12	24							

 For more information on graduation requirements, see the Study Guide on page.
 If a student takes and earns credits in a specialized education elective offered by the Department of Animal Health Technology, it will be considered as a specialized education elective and will be included in the graduation requirements.

授業科目 目次 (動物人間関係学科)

国討Page

165

166

167

169

170

| 171

172

173

174

175

176

177 178 179

L 180 181

| 182

183

184

185

186

187

188

189 190

191

192

193

194

195

196

197

198

199

200

Yukiko Hayata

Subjec	t group	Course title	Lecturers in charge	国家	Pag	subje	et group	Course title	Lecturers in charge
		Bioethics and Animal Welfare	Katsuki Takahashi,Nana Ushine		30			General Theories of Veterinary Clinical Nursing	⊚Sachiko Tomita,Tomoko Suzuk
				0	31				
		Philosophy	Katsuki Takahashi		32			Practice of Veterinary Medical Nursing I	©Sachiko Tomita,Kana Mitsa
	Humanities	Law in Everyday Life	Hiroshi Shibuya		33				Maki Arakawa,Ran Akiyan
	and Social	Life and Economy	Takashi Yajima		34				Haruka Tomono
	Science	History of Art	Mika Nagano		35			Veterinary Medical Nursing	⊙Akiko Taniguchi,Fujiro Sakura
		Psychology	Rie Kato		36				
		Animal and Journalism	Kunio Nishina		37			Practice of Veterinary Medical Nursing II	⊚Akiko Taniguchi,Kana Mits
		Career Management	Akira Nakamura		38				Maki Arakawa,Haruka Tomor
		Basic Biology	Chie Mogi		39				
	Nature and	Basic Chemistry	Makiko Ishikawa		40			Veterinary Surgical Nursing	Yuya Kimura _%
General Education	t	Basic Biochemistry	©Takashi Umemura, Fukiko Ueda	0	41				
Courses		Environmental Science	Makiko Ishikawa		42			Practice of Veterinary Surgical Nursing	©Yuya Kimura _{涨,} Ran Akiyan
(liberal Arts)		English I	Hisako Shimamori, Yukiko Ohashi		43				
					48			Veterinary Laboratory Medicine	©Toshio Okazaki _≫
		English II	Hisako Shimamori, Yukiko Ohashi		49				Sayaka Miyai
					54			Practice of Veterinary Laboratory Medicine	©Toshio Okazaki _≫
		English III	Yukiko Ohashi, Keiko Abe		55				Sayaka Miyai
	Language,		Keiichiro Uetsuki		60			Zoonosis	Akihiko Uchida
	Information and Sports	English IV	Yukiko Ohashi, Keiko Abe		61			Public Health	Fukiko Ueda
	-		Keiichiro Uetsuki		66				
		French Basic Course	Rie Shirakawa		67			Veterinary Infectious Diseases I	Akihiko Uchida
		Information Literacy(Basic)	Yoshihiro Wakabayashi		68				
		Information Literacy(Applied)	Yoshihiro Wakabayashi		69			Small Animal Nutrition	⊚Hiroshi Sakane • Maki Arakaw
		Wellness & Physical activity	Tami Nakayama		70				
		Introduction to Life Science	©Mieko Oguro, Makiko Ishikawa			Specialized	Special	Human-Animal Interaction	Takatoshi Ando
			Chie Mogi		150	Buddation	Subjects	Social Welfare	Itsuko Yamakawa
		Biotechnology	Mieko Oguro		151			Clinical Psychology	Rie Kato _*
		Introduction to Veterinary Nursing	©Akihiko Uchida, Shinichiro Imamura					Communicaiton	Rie Kato _*
			Toshio Okazaki, Takashi Umemura	0	152			Theories of Pet Loss and Bereavement	Noriko Niijima
			Fujiro Sakurai					Theory of Animal Assisted Therapy	⊙Jyunko Akiyama,Kaoru Yamaza
		Introduction to Animal Human Relations	© Fukiko Ueda, Takuji Okuno		153				Keiko Yamazaki
			Noriko Niijima,Maikiko Ishikawa	0				Practice of Animal Assisted Therapy-Student Laboratory	Jyunko Akiyama
			Jyunko Akiyama,Takayuki Horii		154			Theory of Assistance Dog	Jyunko Akiyama
		Animal Functional Anatomy	Shinichiro Imamura	0	155			Companion Animal Breeding and Their Resources	Takahiro Murakami
					100			Guidance Theory of Animal Welfare and Proper Care	⊚Takayuki Horii • Nana Ushir
		Animal Physiology	Shinichiro Imamura		150				
Specialized	Basic				190			Practice of Animal Welfare and Proper Care	©Takayuki Horii ∙ Nana Ushir
Education	subjects	Practice of Animal Anatomy and Physiology	Shinichiro Imamura		1.50				Shigeyuki Hosono _%
					197			Study of Companion Animal Care(Grooming)	⊙Takaaki Fukuyama,Maki Arakaw
		Animal Environmental Science	Chie Mogi	_	158				
				0	159			Practice of Companion Animal Care(Basic Grooming)	©Takaaki Fukuyama,Maki Arakaw
		Animal Behavior	Chie Mogi		1.00				Emi Tsuchiya,Yuko Takeda
				0	160				Yuko Hayakawa
		Animal Genetics	Makiko Ishikawa		161			Practice of Companion Animal Care(Advanced Grooming)	©Takaaki Fukuyama,Emi Tsuchi
		Theriogenology	Takahiro Murakami		100				Yuko Takeda,Yuko Hayakaw
					162			Practice of Companion Animal Behavior	Takayuki Horii
		Veterinary Pharmacology	◎ Sachiko Tomita Nana Ushine		1.00			Companion Dog Training	Takayuki Horii
			Fumiyo Takemura		163			Practical Training of Companion Dog	Takayuki Horii
		Veterinary Pathology	Takashi Umemura	_	10.	1		Characteristics of Domestic Dogs Domestic Cats	Kaoru Yamazaki,⊚Takaaki Fukuyan
				$^{\circ}$	164				Yukiko Hayata

Subjec	t group	Course title	Lecturers in charge	国部	Page
Specialized Education	Special	Characteristical Theory of Exotic Animals	Shinkichi Tsuruno		201
Specialized Education	Special	Characteristics of Companion Birds	©Hisako Shimamori,Atsuhi Kojima		202
Education	auneeta	Gerontology and Dog Walking	Jyunko Akiyama		203
		Farm Animal Science	Takahiro Mukrakami	0	204
		Laboratory Animal Science	©Shinichiro Imamura,Takashi Umemura	_	
			Nana Ushine	0	205
		Wild Animal Science	Takahiro Mukrakami	0	206
		Regulations for Veterinary Nursing	Fukiko Ueda	_	207
				0	 208
		Regulations for Animal Welfare and Proper Care	Kayoko Kojima	0	209
		Medical Safety	Mioko Honda		210
		Animal Health Emergency Management	©Takaaki Fukuyama,Kayoko Kojima		211
		Companion Animals-related Industry	Yoshio Koshimura		212
				0	213
		Pet Business Entrepreneurship	Megumi Miyashita _%		214
		Consumer Behavior Analysis	Hisako Sugiyama		215
		Information Risk Management	Yoshihiro Wakabayashi		216
		Animals in Art	Kousuke Saito		217
		Animal Cultural Anthropology	Takuji Okuno		218
		Aquatic Zoology	Makiko Ishikawa		219
		Zoo & Aquarium Science	Teruyuki Komiya _%		220
		Pestology	Tsutomu Tanigawa		221
		Scientific English	Mieko Oguro		222
	General Subject	Academic Skills	Noriko Niijima		223
		Statistics	Makiko Ishikawa		224
		Practice in Animal Health Technology	Shinichiro Imamura		225
		Graduation Thesis	Fukiko Ueda • Mieko Oguro		
			Hisako Shimamori,Katsuki Takahashi		
			Makiko Ishikawa,Noriko Niijima		996
			Yoshihiro Wakabayashi,Takahiro Murakami		220
			Rie Kato,Jyunko Akiyama		
			Takayuki Horii		
		Internship	©Takayuki Horii,Ran Akiyama		997
			Kana Mitsui		221
		Volunteer Study&Activity	©Yoshihiro Wakabayashi,Sayaka Miyai		228
		Short-term Animal Practical Training Abroad	©Hisako Shimamori,Go Kato		229
		Special Seminar I	©Kana Mitsui,Sayaka Miyai		230
		Special Seminar II	©Yukiko Ohashi,Emi Tsuchiya		231
		Special Seminar III	©Ran Akiyama,Haruka Tomono		232
		Special SeminarIV	©Rie Kato,Jyunko Akiyama		233

授業科目 目次 (動物人間関係学科)

各項目のマークについて

In the table of contents for courses taught by more than one teacher, and in the syllabus, the teacher with in front of his or her name is the person responsible for the course

- Creachers with "*" after their names are "Experienced Teachers")
 Please see pages of the Course Guide & Syllabus for details of courses marked with an "X" in the "Experienced teacher" column of the syllabus.
- : 国試欄に「○」がついている科目は、愛玩動物看護師国家試験

受験に必要な科目です。動物人間関係学科で開講していない 科目については、他学科履修で履修し単位修得を目指すことが できます。

Course	Bioet	hics and Anima	al Welfa	re				TAKAHASHI Katsuki USHINE Napa
	2nd year			1	C			OSTITUL Ivalia
Course period	Autumn semester	Elective 2 credits	Class format	lecture	clas	sificat	Lib	eral Arts [Humanities and Social Sciences]
Objectives		•						
1. concep	pt of bioethics							
(1) Unde	rstand the conc	ept of bioethics	io othiog on	1		dising		
(2) 10 un 2 concer	of animal we	lationship between b	noethics and	i veterma	ry me	alcine		
1) To uno	derstand the co	ncept of animal welfa	are					
2) To un	derstand the "f	five freedoms" (free	dom from l	nunger an	d thi	rst; fre	edom	from pain, injury, and disease;
freedom fror	n discomfort; fi	reedom to act as one	should; free	edom fron	n fear	r and o	ppres	sion)
(3) Unde	rstand modern	and contemporary ar	nimal rights	movemen	nts in	the wo	orld a	nd in Japan.
4) Unde	erstand "animal	rights" and "animal	welfare" ph	ilosophy a	and is	ssues		
5) To uno	derstand the eva	aluation methods of a	animal welf	are in tern	ns of	physio	logic	al and behavioral indicators
6) To uno	derstand the con	ncept of euthanasia						
1 To uno	derstand the pro	s oper care of pet anim	als and wel	fare issues	2			
(2) To un	derstand the cu	irrent status and issu	es of animal	l protectio	, n act	ivities	in Jar	oan and abroad
(3) To un	derstand the pr	oblems of abandonm	nent and kill	ling of ani	mals	and the	e mea	asures taken
(4) To ur	nderstand the cu	urrent situation of an	d counterm	easures ag	gainst	t wanto	n kill	ling and abuse of animals (active
abuse and ne	eglect)							
(5) To un	iderstand how t	to respond to disaster	s involving	farmed an	nimal	S		
4. welfar	e of industrial a	animals	animala					
(2) To uno	derstand interna	ational welfare stand	anniais					
3) To uno	derstand specifi	ic methods to improv	ve the welfa	re of indu	strial	animal	s	
5. welfar	e of laboratory	animals						
1) To uno	derstand welfar	e issues in laboratory	y animals					
(2) To un	iderstand the co	oncept and specific m	nethods of the	he 3Rs (R	eplac	ement,	Redu	uction, and Refinement)
6. welfar	e of exhibit ani	mals	arhihita					
(1) Unde (2) Unde	rstand the type	s and details of envir	conmental er	nrichment	for e	whihit	anim	als
(2) Onde	rstand the type.	s and details of envir	onnentar ei	mennent	101 0	Amon		u15
Lecture out	line							
Learn abo	ut the concept of	of bioethics and anim	hal protectio	on and we	fare.			
Lesson plan	is Bioathics: O	uestioning the Poots	of "Life					
2 What	is Bioethics: "I	ife" in Relationships						
3 Backg	ground of the de	emand for bioethics:	Whose "life	e" is it?				
4 Dignit	ty of "life" and	eugenic thought: Co	nsideration	of Hirosh	ima, Ì	Nagasa	iki, ar	nd Auschwitz
5 The R	ight to Live and	d the Right to Die: P	erspectives	on Euthar	nasia	and Su	icide	
6 Prenat	tal Diagnosis: I	ssues Concerning the	e Right to S	elf-Detern	ninati	ion	-	
7 Organ	Transplantatio	n: Is Donating Organ	ns to Other	Companie	s an A	Act of I	Love'	
8 Pet Al	nimal wellare:	ine Current State of	Animal Pro	otection A		ies and	How	to Handle Domesticated
9 Pet Ar	nimal Welfare -	Animal Abuse						
10 Welf	are of industria	l animals: Welfare p	roblems and	l specific i	metho	ods to i	mpro	ove welfare
11 Welf	are of Laborato	ory Animals - Welfare	e Issues and	the 3R C	once	pt	1	
12 Welf	are of Exhibite	d Animals - Welfare	Issues		-			
13 Welf	are of Exhibite	d Animals ~ Types a	nd Contents	of Enviro	onme	ntal En	richn	nent
14 Conc	cept of Animal	Welfare (1)						
15 Conc	cept of Animal	weifare (2)						l

Feedback on assignments (exams, reports, etc.)

Questions, opinions and requests in the reaction paper will be answered in the next week's lecture.

Course Notes

We want to encourage a broad interest in all life, including animals, and an attitude of awareness of our responsibility as human beings.

Contents of prior and post-learning (preparation and review)

Read the lecture resumes carefully to master the content.

Evaluation method (including evaluation criteria)

Comprehensive evaluation based on reaction paper (30%), class participation (30%), and periodic exam (40%).

Textbook

愛玩動物看護師カリキュラム準拠 教科書第4巻 動物看護学概論/人と動物の関係学/生命倫理学・動

物福祉 EduwardPress

Reference books, teaching materials, etc.

Introduce in class as appropriate.

Course		Philosophy					Katsuki Takahashi				
Course period	1st year, Autumn semester	Elective 2 credits	Class format	lecture	Course classificat ion	Liber	al Arts [Humanities and Social Sciences]				
Objectives	501105001	I		1	1011	1					
"In the wo	ords of Shuzo K	uki "A living philos	onhy must	he able to	understand	eality	Why do we change the way we				
live when we	e mourn for our	: loved ones? Using	one of the r	nost read b	ooks of 201	8 and	2019, "How Do You Live?				
Lecture out	line										
"We will s	tudy history of	philosophy, starting	from the q	uestion, "V	Vhat is philo	osophy	? The history of philosophy is a				
required fiel	equired field for the study of philosophy. Therefore, we will study Plato, Socrates, and Aristotle from the perspective										
of the connec	ction from Gree	k philosophy to the r	nodern age,	, and then g	go through th	ne Scho	plastic philosophy of the Middle				
Ages to stud	y modern and c	contemporary philoso	ophy, espec	ially the th	ought of Ki	erkega	ard and M. Buber.				
Lesson plan											
1 "On Aff	luence (1) - Po	or Friends, the Oil F	rying Incide	ent, and Bi	ullying						
2 On "affl	uence" (2) - Pe	ople who produce, p	eople who	consume							
3 "About	Friends (1) - W	'hat is a true friend?	What is a fi	riend?							
4 "On Frie	ends (2) - Deali	ng with Mistakes th	at Never Go	o Away							
5 "History	1: Why Confl	icts Never End		•							
6 "About	History 2: Lear	ning from History									
7 On "Ho	w to Live" (1) -	- Was Napoleon Grea	at?								
8 On "Ho	w to Live" (2) -	· The Art of Reading	Books								
9 On "Phi	losophizing" (1) - Even when you f	eel like you	ir heart is a	about to brea	ak					
10 On "Phi	losophizing" (2	2) - Recovery from B	Betrayal								
11 The Kno	owledge of Patl	hos (1) - I think, ther	efore I am								
12 The Kno	owledge of Patl	hos (2) - I am grieve	d, therefore	I am							
13 "How W	/e Live" (1) - E	xamining How We I	Have Lived								
14 "How W	le Live (2) - Ho	ow We Will Live in t	he Future								
15 Summar	ry and Reflection	on									
Feedback or	n assignments	(exams, reports, etc	2.)								
Questions, o	pinions, and red	quests on the reaction	n paper wil	l be answe	red next we	ek's cla	ass.				
Course note	S										
Read the text	tbook carefully	and attend class wit	h an aware	ness of you	ır problems.						
Contents of	prior and post	t-learning (prepara	tion and re	eview)							
Read the tex	tbook in advand	ce.									
Evaluation	method (inclue	ling evaluation crit	eria)								
Students wil	l be evaluated	comprehensively ba	sed on their	r participa	tion and cor	ntributi	on to the class (50%), reaction				
paper (20%)	, and regular ex	am (30%).									
Textbook											
How Do You	ı Live?" (Genza	aburo Yoshino, Iwan	ami Bunko)							
Reference b	ooks, teaching	materials, etc.									
The Philosor	ohy of How to I	Live" (Takashi Ueha	ra, Gentosh	a Shinsho)						
Other necess	ary references	will be introduced ir	the class a	s appropri	ate.						

Course	La	w in Everyday	Life			SHIBUYA Hiroshi
Course Period	1st year 1st semester	Electives 2 credits	Class format	Lect ure	Course Classificati on	Liberal Arts [Language, Information, Sports]
Objectives						1
The goal of daily life.	this program is	to acquire the legal	l knowledge	e and l	egal dispute	resolution procedures necessary for
Lecture Ou	tline					
Gain knowl	edge of basic lav	ws such as the Cons	titution, Ci	vil Coo	le, and Crimi	inal Law
Students wi	ll also learn abou	it contract types suc	ch as sales c	ontrac	ts, consumer	lease agreements, lease agreements,
contract agr	eements and dep	osit contracts.	or a signation of the second sec	ha lav	iudaa ayatam	
In addition	he also aims to:	acquire industry-spe	especially u	he lay . knowl	edge related	to nets
Learn about	the provisions of	of the Animal Welfa	re And Ma	nagem	ent Act.	to pets.
Students wi	ll learn about the	e actualities of veter	inary malp	ractice	lawsuits and	other daily legal issues surrounding
pets.			•			
Lesson Plan	1					
1 Introdu	ction to Law, Hi	story of Law, Order	s for Mercy	on Livi	ng Things in	the Edo Period
2 Constit	ution of Japan,	Human Rights Is	sues, Reni	inciatio	on of War,	Tenno system, Political Structure,
Constit	utional Revision	l, etc.	na acolina	offe	to	
(1) Not	es on lease agree	ements conclusion	of contracts	and h	now to resolv	e problems with landlords
$4^{(1)}$ (2) Oth	er civil law cont	racts, consumer loa	ns, delegati	on agr	eements, dep	osit agreements, etc.
5 (1) Fan	nily legal issues,	marriage, divorce,	inheritance	, etc.	· 1	
3 (2) Issu	les related to inst	urance systems and	labor laws,	rules	of employme	nt, unfair dismissal, etc.
$6^{(1)}$ Crin	ne and punishm	ent issues, stimulan	t crimes, an	imal w	velfare law p	enalties provisions, etc.
(2) Flor	w of judicial law	, civil and criminal	proceeding	S		
/ Lay Juc	lge System I (O	utline of the system)			
O Lay Jud	the lay judge sys	tem 3 (case of atten	noted murd	er and	iniury)	
10 About t	the lay judge sys	tem 4 (case of killir	ng and self-	defens	e)	
11 Prohibi	tion of underage	drinking and traffic	c laws	acteris	•)	
12 Veterin	ary Malpractice	Case 1				
13 Veterin	ary Malpractice	Case 2				
14 Animal	Welfare Act and	d other Animal Law	s 1			
15 Animal	Welfare Act and	d other Animal Law	<u>s 2</u>			
A neuvor quo	n Assignments (exams, reports, etc.)	st for a	laccoc wo w	ill respond as much as possible
Course Not	es	ppropriatery. If there	e is a leque	st 101 C	1455C5, WC W	In respond as much as possible.
Most of the	exam questions	are given from the t	opics cover	ed in t	he class, so i	t is desirable to take notes during the
class.	1	8	1		,	U
Review is n	nore important th	nan preparation.				
Contents of	Prior and Post-	learning (preparati	on and rev	iew)		
Reread the d	listributed materi	al.				
Evaluation	Method (includi	ng evaluation crite	ria)			
Students are	evaluated comp	rehensively based or	whether th	ey hav	e a good und	erstanding of the content of the class,
whether the	y have basic lega	l knowledge about d	laily life, an	d whet	ther they have	e knowledge of legal issues related to
animals, and the class (3°)	(whether they haw	ve knowledge of lega	al issues rela	ated to	animals, and	based on the degree of participation in
Textbook	, and the regula		•			
「ペットの	トラブル相談〇	& A (第2版)」				
Reference F	Books, Teaching	Materials. etc.				
「ペットの	判例ガイドブッ	·ク」「動物看護コアテ	キスト第1巻	(第 2	版)人と動	物の関係」「ねこの法律とお金」
	-					

Course	L	ife and Econon	ny					YAJIMA	Takashi
Course Period	1st year Spring semester	Elective 2 credits	Class format	lectu re	Cou Class 0	urse ificati n	L	Liberal Arts Socia	[Humanities and I Sciences]
Objectives			-			-			
This course	aims to acquire	basic knowledge ab	out the eco	nomy	that is	closel	y rela	ated to our	daily lives by taking
up familiar s	social changes a	nd examples from o	ur daily liv	es. Thi	s cour	se is d	esign	ned to prov	ide students with the
basic knowl	edge of the econ	omy that is closely	related to th	neir dai	ly live	es and	learn	the basic k	knowledge necessary
after enterin	g society and the	e economy that is us	seful for pra	actical	work.				
Lecture Out	tline								
Economic th	ninking is essent	ial in social life, and	d it is diffic	cult to 1	live in	a soci	ety w	vithout eco	nomic thinking. It is
well known	that money, wh	ich is the center of	economic a	activiti	es in o	our dai	ly liv	ves, plays a	an important role. In
this lecture,	students will ac	equire basic knowle	dge of the	econo	my in	societ	y and	d daily life	and learn about the
economy that	at is useful for pr	imary knowledge pr	actice nece	essary a	fter er	ntering	soci	ety in mana	agement and finance.
In addition,	the scope and	outline of the econ	omy as a	whole,	an o	verviev	w of	the macro	economy, and basic
knowledge of	of the microecon	omy and manageme	ent will be	explair	ned				
Lesson Plan	l								
1 What is	the economy?								
2 How is	the global econo	omy moving?							
3 Key poi	ints on Japan's e	conomic problems							
4 Challen	ges of running a	business							
5 How to	become an entre	epreneur							
6 Learn b	usiness manager	ment							
7 How to	create a busines	s plan (1)							
8 How to	create a busines	s plan (2)							
9 This is 1	the new business	S.							
10 Market	ing know-how								
11 Interest	ing pricing strate	egies							
12 The glo	balizing econom	пу							
13 Enviror	iment and Econo	omy							
14 The Ful	ure of the Econo	omy							
15 Summa	ry of Life and E								
A c foodbook	Assignments (exams, reports, etc.)	nonto on nr	oblom	andi	001100		o givon in	the following week's
As recuback	, quizzes will be	confected and conn	nems on pr	obients	s and i	ssues	WIII D	e given m	the following weeks
lecture.									
Course Note	es								
A quiz will	be given at the	end of each class.	Instead of	`a fina	l exar	n, stu	lents	will be re	equired to submit an
assignment	(group work usin	ng PowerPoint).							
Contents of	Prior and Post-	learning (nrenaratio	on and revi	ew)					
As a post-le	sson study, rerea	d the materials dist	ributed afte	r each	class.				
					•••••••				
Evaluation Overall eval	Method (includi uation will be m	ng evaluation criter ade from the evaluation	ia) ation of ass	ignmer	nts (70)%) an	d clas	ss participa	ation (30%).
Textbook									
Hand out ha	ndouts each time	e.							
Reference P	ooks Teaching	Matarials ato							
"The Theory	of Inequality fr	om Age 18" Fiesku	Ide Tovo	Keizai	Inc				
	, or inequality II	UII Age 10 LISAKU	ide, 10y0	ixcizal	me				

Course	History of Art							NAGANO Mika			
Course Period	2nd year 1st semester	Electives 2 credits	Class format	lectu re	Co Class	urse sificati on	Liberal Arts [Humanities and Social Sciences				
Objectives											
To understand the flow of Western art and the formative principle of each period's art, which is the basis for											
appreciating and enjoying artworks. The goal of this course is to dispel preconceived notions that unfamiliar works											
of art are often shunned as inaccessible, and to cultivate the ability to look at works of art freely.											
Lecture Outline											
Human beings have a sense of beauty that adds color to their lives, and a heart that worships supernatural forces.											
This decora	tive instinct and	faith are the two so	urces that g	ive bir	th to a	rt. This	s lect	ture will provide an overview of			
the flow of	Western art from	n ancient times to	the modern	i era. V	Ne wi	II take	up 1	representative works from each			
period and o	carefully examin	e their forms by ex	plaining th	em in	words	\therefore The a	1 m 1	is to clarify the essence of each			
We will of	lorins by looking	g at the works care	ully, rather	than ji Throug	lSt IISt h. ort	ing the	KNO 11. terr	wiedge.			
between hu	mans and anima	ally works realuring	and meanir	nge the	n an, t hum	we wi	n uy d fo	r animals Animals sometimes			
deified som	nans and annual etimes given "sy	us, and the values with values with the values of the valu	ory " have	nlaved	an im	nortan	t role	e as a source of human creation			
Lesson Plan											
1 Art and History of Art											
2 The Curious Beginning of Art											
3 Ancient	2 The Currous Degrinning Of Art 3 Ancient Equation Art										
A Orient Civilization and Art											
5 Ancient	t Mediterranean	Art and Greek Art									
6 Hellenistic Style and Roman Art: Sources of European Culture I											
7 Early C	7 Early Christian Art and Early Medieval Art. Sources of European Culture II										
8 Formative Principles of Medieval Art in Western Europe and Romanesque Art											
9 Gothic Art and the Dawn of the Renaissance											
10 Early R	10 Early Renaissance I: Early Netherlandish Painting										
11 Early R	enaissance II: Ital	ly									
12 The Hig	gh Renaissance										
13 Establishment of the Modern Drawing and Expression of Animals in the Post Renaissance											
14 Baroque Art											
15 The Go	Iden Age of Dut	ch Painting									
Feedback of	n Assignments (e	exams, reports, etc.)								
Lecture Rep	ort will not be re	eturned.									
1 Lwill hon	d out a list of slid	las that we will cove	rin alaca h	ut vou	choul	d taka 1	anta	on what you think is important			
2 It is advis	1. I will hand out a fist of sindes that we will cover in class, but you should take notes on what you think is important.										
art	suble to entren y	our sensitivity by e	sperienenig	, as me		li ait a	s pos	sible, not necessarily innited to			
Contents of Prior and Post-learning (preparation and review)											
Prior learning: Read a simple overview of art history or the cultural history section of a history textbook or											
illustrated book to help you understand the lecture. Post-lecture study: Read and review the handouts that											
correspond to the content of each lecture.											
Evaluation Method (including evaluation criteria)											
Overall evaluation will be based on the ratio of class participation (50%) and lecture reports (50%).											
Textbook											
Do not use.											
кенеrence воокя, leaching Materials, etc.											
It will be introduced as appropriate during the lecture.											

Course	Psychology							KATO Rie			
Course Period	2nd year, Autumn semester	Elective 2 credit	Class format	lectu re	Cou Class 0	urse ificati n	Liberal Arts [Humanities and Social Sciences]				
Objectives	Objectives										
Psychology has used unique and diverse perspectives and scientific methods to understand human beings and to											
accumulate	accumulate valuable knowledge for their development and problem-solving. While there are various findings, in										
this lecture, in addition to matters related to perception, memory, learning, emotion, brain and nerves, and											
development as basic items of psychology, we will add a new approach called positive psychology, learn about the											
movement of the human mind from various perspectives including its physical foundation, deepen our interest in											
and understa	anding of others	and ourselves, and	develop of	ur adılı		live in	modern	society. The objective is to			
deepen inter	est in and under	standing of others a	nd oneself	and to	cultiv	ate the	ability t	o live in modern society.			
Lecture Out	tline					a inte	11: ~~~~~	amatica basia and assures			
in this lectur	re, students will	learn about percept	ion and me	mory, I		ig, inte	and day	, emotion, brain and nerves,			
nevebology	sinp between so	reconclity montal	ns, and psy	ycholog	lution	and so	vontion	and assistance as alinical			
psychologic	as well as pe	lerstand the basics of	f clinical no	ulu su	av an	s, pre	municati	on theory to be studied next			
psychological areas, and understand the basics of clinical psychology and communication theory to be studied next.											
everyday examples and using audio-visual materials											
Lesson Plan											
1 History of Psychology											
2 Research in Psycholog											
3 Mind an	3 Mind and Brain I: Mind and Brain										
4 Mind and Brain II: Mind and Nerves											
5 Perception											
6 Memor	y I: A Brief Histo	ory of Memor									
7 Memory II: Living and Memory											
8 Learnin	8 Learning										
9 Emotio	9 Emotion										
10 Self and	d Relationships										
11 Human	Development I:	Infancy to Childho	od								
12 Human	Development II	: Adolescence and I	Beyond								
13 Psychological Problems and Assistance I: Stress											
14 Mental	14 Internal Health Problems and Assistance II: Mental Health, Normal and Abnormal										
To Tests an	a explanations	wome wonowie ata)								
After the test is collected as feedback, the answers are explained											
Course Note		recubuck, the unit w	ers are expr	umea.							
Students mu	ist reflect on thei	ir own psychologica	al experience	ces to g	ain a	fundar	nental ur	derstanding of the lecture			
content. In addition, students are expected to review and submit reports on their impressions steadily. Students are											
expected to	expected to participate actively in class and not to be absent late or speak in private. In this lecture seating will										
be assigned in the order of student registration numbers to check attendance and efficiency in collecting work and											
reaction papers.											
Contents of Prior and Post-learning (preparation and review)											
Prior study: "Do some research on topics related to the content of each class session.											
Post-lesson study: "After each class, understand and organize the critical keywords of the class											
Evaluation Method (including evaluation criteria)											
Comprehensive evaluation based on class participation, motivation (70%) and examination (30%).											
Textbook											
PDF data w	ill be provided.	You can download a	nd print ou	t the m	nateria	ls as n	eeded.				
Reference B	ooks, Teaching	Materials, etc.					-				
Reference books will be introduced during the lecture. Audio-visual equipment such as videos will be used											
Course		Animal and Journ	alism				Kunio Nishina				
--	---	--	---	--	--	---	---	--	--	--	--
Course period	1st year, Autumn semester	Electives 2 credits	Class format	lecture	Course classific ation	Liberal Arts [Humanities and Social Sciences					
Objectives	Dbjectives										
People's v	alues and attitu	des toward animals	vary greatly	depending	g on the era	, ethni	c group and region, and continue				
to change. Ir	this course, w	e will take up variou	s events abo	out animal	s that are r	eporte	d in newspapers, magazines, and				
TV program	is, such as the	problems of invasi	ve species,	rare anin	hals that ar	e three	atened with extinction, and the				
relationship	between wild a	nimals and people's	ives . This c	ourse aim	s to learn a	nd und	lerstand the relationship between				
people and a	nimals (wildlif	e, domestic animals,	livestock, p	ets) and c	hanges in c	conscio	ousness.				
Lecture out	line										
In this cou using article and the bac conservation ecology and	rse, we will dis s in newspaper ckground of th of species. Th history of othe	scuss how the relation s, magazines, and T nem, as needed, m e lecture will mainly r animals with variou	nship betwee V news. It we ention about focus on de us document	en animals vill also to ut Act on ogs and ca ts and data	s and people uch on the welfare on the but will	e has b transf of ani be exp	een reported through journalism, iguration of animal-related news mals, nature conservation, and banded to include the learning of				
Lesson plan											
1 Recent	News Why ar	e dogs called "Inu"?	Why is a ca	t called a	"cat"? Thir	nk abou	ut the etymology.				
2 Recent	News Conside	ering the ability of de	ogs and cats	to return	home. Wor	ld and	Japanese records for homing.				
3 Recent	News Raccoo	ns, masked palm civ	ets, mongoo	oses, and a	wave of ex	xotic a	nimals gone wild.				
4 Recent	News Bears, o	leer, wild boar Wil	dlife and hu	man life. '	The problem	ms.					
5 Recent	News Why wa	as the noneko (feral	cat) chosen	as one of t	the 100 wo	rst inv	asive animals in the world?				
6 Recent	News Extinct	animals. Japanese w	olf, passeng	ger pigeon	, thylacine	and ot	hers.				
7 Recent	News Revival	l of albatross, worrie	s of red-crov	wned cran	es increase	d, the	problem of mute swans.				
8 Recent	News The doc	ctor who saved perso	the theory the	1 a radies v	vaccine: L.	Pastel	ar and K. Kurimoto.				
9 Recent	inews now D	arwinnan evolution,	the theory th	nat nas na	id the great	lest III	pact on numarity, is transmitted				
10 Recent	News Commo	on cuckoos lessor cu	ickoo the w	vonders of	evolution	in mer	adicant hirds				
11 Recent	News Abando	and dogs and cats at	e a crime P	Sirds fish	reptiles a	nd the	other pets turn into dispose				
12 Recent	Nows Wild ro	bits are a major pas	t in Australi	what's	Uopponing	2 And	in Japan ²				
12 Recent	News The his	tory and transformat	ion of zoo V	What is th	nappening	; Allu	III Japan?				
14 Recent	News How di	d Loval Dog Hachik	o become a	"loval dos	o"? Thinkir	ice. 19 aboi	ut the state of animal reporting				
15 Recent	News Gorillas	s. chimpanzees, bond	bos. Japane	se macadi	uesthe div	vide be	etween humans and monkeys.				
Feedback of	n assignments	(exams, reports, et	c.)				······································				
After the pre	vious week's le	cture, I will answer c	uestions and	d give sup	plementary	expla	nations based on the mini-reports				
(student's im	pressions and o	questions) submitted	by all stude	ents.		1					
Course note	es										
A two-page	A4 document w	vill be distributed on	the day of the	he class. T	The docume	ent wil	l also be posted on moodle.				
Students wil	l be asked to su	ibmit a mini-report o	n that day's	class, "Im	pressions a	and Qu	lestions".				
The theme n	nay change dep	ending on the news	from time to	time.							
Contents of	prior and pos	t-learning (prepara	tion and re	view)							
If necessary,	explain the the	eme and outline of th	e next week	's lecture.							
Evaluation	method (inclue	ding evaluation crit	eria)								
Class partici	pation 50%, po	ost-class comments a	nd question	s (mini-re	port) 10% ,	report	to be submitted at the end of the				
semester 409	/0.										
lextbook	:1										
None in part	icular	motorialt-									
Nono in north	ooks, teaching	, materials, etc.									
inone in part	icular										

Course	Ca	reer Manage	ment					NAKAMURA Akira
Course Period	2nd year, Autumn semester	Elective 2 credits	Class format	lecture	Co Class	urse sificati on	Lib	eral Arts [Humanities and Social Sciences]
Objectives								
Due to a	e to changes in social and economic structures, people's employment patterns are diversifying, and							
individuals'	views on occupa	ation and work eth	ic are also	changin	g. As t	the lab	or ma	arket becomes more fluid, there
is a need for	individual-drive	en career developi	nent, but it	is not ea	asy fo	r stude	nts to	o find the right job and envision
their future	careers. It is vita	al for students to	have know	ledge of	occup	pations	and	develop necessary skills in the
second year	. In the second ye	ear, it is important	to have kn	owledge	abou	t occup	Datioi	ns and develop necessary skills.
A coroor	une	nd on overacion	of a porcor	y'a lifa th	rough	out hi	ork	or life. It is obtained through a
A calleel	ls a way of file a	including work in	the broad	sense of	the w	ord su	ch ac	school workplace community
contribution	and volunteer	activities In this l	ecture stud	lents wil	ll unde	erstand	the	basics of career design through
lectures and	practice Stude	nts will create wo	rksheets an	d condu	ct self	f-analy	sis to	deepen their understanding of
themselves	and promote self	-development. The	en. we will	examine	the h	uman r	esou	rces that society needs and learn
the basic kn	owledge and ma	nners required for	a career as	s a mem	ber of	societ	y, sta	urting with "what it means to be
a member o	f society," "the n	nechanisms of soc	iety," and "	why peo	ple w	ork. A	t the	same time, they will learn what
career optio	ns are available	to them and how	to think an	d act to	realize	e their	desir	ed options by considering their
own plans.								
Lesson Plan	1							
1 Orientati	on: Explanation of	the purpose, content	, and procedu	ures of the	e class,	, grading	g crite	eria, and encouragement of greetings
2 Modern	Society and Career I	Design: Basic Unders (1) , Life Cruele	tanding of Ca	ireer Desig	gn: Seli	t-Analys	anc anc	I Self-Discovery => Job Aptitude Test
3 Career	and Life Plannin	g(1): Life Cycle a $g(2)$: Lifetime Eq	and Occupa	ltion	tion			
4 Career	and Life Plannin	g(2): Lifetime Ea	Lifelong D	occupa	uont			
6 Self-un	derstanding for c	g (5). Career and	g of work	and sense	e of o	ne's ou	n oc	cupation
Unders	tanding Yourself	for Your Career	(2)· Knowi	ng Your	Strer	noths a	nd W	Veaknesses \Rightarrow Prescription for
7 the Thr	ee Major Job Hu	nting Questions	(2). Ithow	ing rour	Buren	150115 0	na v	
8 Unders	tanding careers a	and work (1): Clar	ifving stude	ent life a	and can	reer aw	/aren	ess
Unders	tanding careers a	and work (2): Con	sidering ch	anges in	the ec	conomi	c and	d employment environment and
9 work st	yles		C C	C				
10 Underst of occu	tanding careers a pations and indu	and workplaces (1 stries): Examini	ng caree	r deve	elopme	nt ar	nd one's suitability for a variety
11 Unders	tanding careers a	and workplaces (2): Understa	anding th	ne woi	rk of p	olice	officers and forensic scientists
as publ	ic servants and p	olice dogs						
12 Case St	udy (1): Career	in the Pet Related	Industry					
13 Case St	udy (2): Careers	in Other Industrie	es .					
14 Career	Management (1)	: Career Design D	irections					
15 Career	Management (2)	: Summary	2)					
As feedback	Assignments (e	nd advice will be	c.) given after	the reno	rte are	coller	ted	
Course Not			given alter	uie iepo			icu.	
If some of t	he content or the	order of the lectu	res is chang	red, you	will ł	e notif	ied i	n the lecture.
What is nec	essary for a wor	king adult? Think	about the d	lifferenc	es bet	ween l	being	a student and a working adult.
Think about	self-analysis, se	elf-promotion, and	your stren	gths and	weak	nesses		Č.
Contents of	Prior and Post-l	learning (prepara	tion and re	view)				
Prior learnin	g "Read the page	s of the textbook re	elated to the	e contents	s of ea	ch clas	s ses	sion.
Post-lesson	study: "After each	n class, research an	d summariz	the release	evant	content	on th	he Internet, in the library, etc."
Evaluation	Method (includi	ng evaluation crit	eria)	•	1 701			
The overall o	evaluation will be	e based on 30% on	class partic	ipation a	nd 709	% on p	resen	tations and submission of
Textbook	theok							
Career Desig	gn Course, 3rd Ed	lition: Developing	Self-Detern	nination	Skills	throug	n The	ory and Practice" Nikkei BP

Soft Press(Distribute materials as appropriate.)

Reference Books, Teaching Materials, etc. It will be introduced during the lecture. The resume of the lecture will be distributed.

Course		Basic Biology						Mogi Chie
Course Period	1st year 2nd semester	Electives 2 credits	Class format	lectu re	Cor Class 0	urse ificati n		Liberal Arts [Nature and Environment]
Objectives				i			i	
This cour	se provides stud	lents with basic kno	wledge of	a wide	range	of bio	ology	, including bacteria and plants.
The content	of this course is	an overview of the	content cov	vered ir	the re	equired	l basi	ic subjects from the second year
and higher.	This course aims	to visualize and exp	plain the su	bstance	es that	make	up liv	ving organisms, their structures,
Lecture Out	fline		gy of norm	ai aiiii		e in gei	lierai	
Biology is a goal of this of unit of life, mechanisms significance necessary to	branch of natur course is to provi the substances the for adaptation of biological di understand and	al science that studi de a comprehensive hat make up living of to the environmer versity from the per study other speciali	es the orig understand organisms, nt. In addit respective of ized course	ins of l ding of metabo tion, su f comp es.	iving the str olism, tudent arative	organi ructure indivi s will e biolo	sms and dual deep gy an	and biological phenomena. The function of the cell, the smallest development, homeostasis, and ben their understanding of the nd acquire the basic knowledge
Lesson Plan	l	2 1						
1 Phyloge 2 Cell Str 3 Substan 4 Nutriem 5 How he 6 Genetic 7 Reprodu 8 Reprodu 9 Develop 10 Animal 11 Animal 12 Homeos 13 Externa 14 Immune 15 Concluss Feedback on A quiz on th accepted aft with comme Course Note The class w encouraged consolidate	iny and classifica ucture ces that make up ts and Metabolisr redity works "the mechanisms (gen action (cell cycle) action (meiosis) oment (sexual rep tissues (epithelia organs (digestive stasis (neurologic l stimuli and resp e mechanism (imp ion (Re-explanate n Assignments (en e course conten er each lecture a ents and evaluation estimation in the conducted to write down in their memory. If	tion of organisms a living body n e law of inheritance" ne mutation)) oroduction and asexu l tissue, connective t e system, blood circu al regulation and hor oonses (nervous syste mune cells and immu ion of the most impo- exams, reports, etc.) t will be given at th and will be explaine ons (corrective feed l based on handout mportant informatic f you are not able to	al reproduc issue, musc lation syste rmones) em function ine response ortant points e end of ea ed in the su (back).	tion) le tissu m, resp and reg above ach lec bseque oints, a notebo	e, nerv piratory gulatio 14 les ture. (ent lec and vi oks an 1 must	ve tissu y syster on) sons) Questic tures. deos c id mak	ons a Assignation the	bod) nsory system) bout the lecture content will be gnment reports will be returned e Moodle system. Students are tes in their own handwriting to e teacher of the reason for your
absence. If y	you are absent w	ithout notifying the	teacher, yo	our gra	de will	l be de	ducte	ed.
Moodle will	post announcen	nents and class refer	rence mater	rials, so	o be si	ire to c	check	them before each lecture.
Contents of Prior study: After class: handouts. Evaluation	Read the materi It is advisable to Method (includi	al for the next class write down the imp	on and revi on Moodle portant poin	e and unter expl	nderst ained	and the	e me lectu	aning of technical terms. re in your notebook. Reread the
Comprehens assignments the 8th lecture Toy theory	ive evaluation wi (10%).The repor re. Class particip and a quiz on cla	ill be made from the t assignment will be bation will be assessed ss content on the Mo	end-of-term presented a ed by a com podle system	n exami at the e nbinatio n.	nation nd of t on of a	(60%) he 7th ittenda), clas lectu nce re	ss participation (30%), and report are. To be submitted at the end of esponses submitted at the end of
Lecture mate	erials will be post	ed on Moodle in adv	ance of eac	h lectu	re sess	ion an	d dist	ributed during the lecture.
Reference B	ooks, Teaching	Materials, etc.	of out			uil		
Reference bo	ooks will be intro	duced in the lecture.						

Course		Basic Chemistr	у				ISHIKAWA Makiko
Course Period	1st year, 1st semester	Required subject 2 credits	Class format	Lect ure	Cou Class 0	urse ificati n	Liberal Arts [Nature and Environment]
Objectives				ı			
This court and the natu biomaterials that is indis- build a foun	se focuses on the aral environmen chemistry from pensable when l dation for specia	basics of chemistry t, and aims to help basic principles. In handling living orga lized education.	y, which is o students u addition, s anisms and	closely inderst tudents pharm	relate and th s will a naceut	d to ou ne fund acquire icals ir	r daily lives, other living organisms, amentals of organic chemistry and a wide range of applied knowledge the medical and nursing fields, to
Lecture Out Chemistry focuses on comprehens chemistry. In living organ foundation f	tine y is a vast field the fundamental ively covers bas n this course, stu isms and pharm for specialized ec	of study that is ess s of chemistry, wh ic chemical principl idents will acquire naceuticals in the lucation.	ential to th ich are clo es, organic a wide ran medical, I	e unde osely re chemi ge of a oharma	erstanc elated stry, a applied aceutic	ling of to life nd the l know cal, and	all materials on earth. This course , living, and the environment, and fundamentals of biological material ledge indispensable when handling d nursing fields, and will build a
Lesson Plan 1 The Ori 2 Atoms a 3 Electron 4 Elemen 5 Atoms a 6 Chemic 7 Quantit 8 Chemis 9 Acids a 10 Organic 11 Organic 12 Organic 13 Organic 14 Organic 15 Relation Feedback on Feedback on	gins of Chemist and Their Structu n Configuration ts and the Period and Ions al Bonds and Ma y of Matter, Stat try of Solutions nd Bases, Oxida c Chemistry I; St c Chemistry II; Is c Chemistry II; St c C	ry ures lic Table olecules e of Matter tion and Reduction ructure of Organic Comers and Stereoch Organic Chemical F Macromolecules, Ca Amino acids, Protei Iedicine, Animal Ca exams, reports, etc.) nd questions will be	Compound hemistry Reactions arbohydrate ins, Nucleic ins, Daily L given in the	s es and c acids ife, an e lectur	Lipids d Che e.	s mistry	
Course Note In the lecture Contents of Prior learning Post-learning Evaluation I Comprehens	es e, assignments or Prior and Post-I g: Read the textb g: Review the har Method (includi ive evaluation ba	quizzes will be give earning (preparation ook according to the id-out and complete ng evaluation criter sed on the exam (65)	n as necessa on and revi class plan. the assignm ia) %), and assi	ary to c (ew) nents.	onfirm	ı learni quizze	ng. s (35%).
Textbook							
齋藤勝裕,	荒井貞夫, 久住	呆勘二著; コ・メ	ドディカル	化学,	裳華	房,2	2015.
Reference B 梅本宏信編 桜井弘編; H. ハート Other refere	ooks, Teaching I ;基礎から学ぶ 薬学のための分 ら著,秋葉欣哉 nce books will b	Materials, etc. 大学の化学, 培風 析化学, 化学同人 ・奥彬共訳; 基礎 e introduced in the	館,2012. , 2012. 有機化学 lecture.	改訂將	反,20	002.	

Course	B	asic Biochemis	try					OGURO Mieko, ISHIKAWA Makiko
Course Period	1 st year, 2 nd semester	Electives 2 credits	Class format	lectu re	Con Class	Liberal Arts [Nature and Environment		
Objectives Biochemistr substances. nutrients (c endocrine.	ry is the study of This lecture aim arbohydrates, p	f biological phenom s to understand the roteins, lipids), an	ena based structure of d the natu	on the f cells, ire, fu	functi the fu nction	ons an inction , prod	d me of D luctio	tabolisms of various biological NA, the metabolism of various on, secretion and feedback of
Lecture Ou The purpose understand pathologica	Lecture Outline The purpose of this course it to learn the mechanism of animal life maintenance with the aspect of biochemistry, inderstand animals as living organisms at each level of cells and tissues, and establish the basis for learning about pathological changes. Also, learn about life phenomena.							
Lesson Plan	1						Те	acher in charge
1 Introdu	ction: the structu	are of cells					(OGURO
2 Protein	structure and fu	nction						ISHIKAWA
3 Nucleic	e acid structure a	nd function						ISHIKAWA
4 Monos	accharides and p	olysaccharides, lipi	ds and bion	nembra	anes			ISHIKAWA
5 Nutritic	on metabolism: g	lucose metabolism	1					ISHIKAWA
6 Nutritic	on metabolism: g	glucose metabolism	2					ISHIKAWA
7 Photosy	ynthesis							ISHIKAWA
8 Summa	ry and testing							ISHIKAWA
9 Nutritic	on metabolism: I	ipids metabolism	1 .1 1		1.			OGURO
10 Nutritic	on metabolism: F	rotein, amino acid,	nucleotide	metab	olism			OGURO
II Functio	ons of DNA: DN	A replication, repair	r and recom	ibinant	Į			OGURO
12 Iranscr	iption and RNA	processing	4					OGURO
13 Iransia	tion and Post-tra	instational modifica	tion					OGURO
14 Endocr	ine and normone	es: signal transduction	on					OGURO
15 Summa	ry and testing)					OGUKO
Report assig Moodle will	gnments and que l be used for pos	estions will be fed b ting and distributing	ack to you g class refe	in 8 th rence r	and 15 nateria	5th cla als.	sses	conducted by each teacher, and
Course Not	es	1 , 1' "	' 1 D'	1 •		1	11	· · · · · · · · · · · · · · · · · · ·
This course	is beneficial to	r understanding "A	nimal Bioc	chemist	try" ai	nd "Sn	nall A	Animal Nutrition," taken in the
second and	nigher grades. S	students who have i	not taken o	r were	not g	ood at	Che	emistry and Biology in high
Contonts of	Drion and Dest	le unis course.	on and rout					
Diago rafar	to the syllebus t	o gothor bosic know	vlodgo in og	lew)	Com	nilo no	tos h	asad on the metarials presented
in class and	to the synabus t	to build on your know	wledge	ivance.	. Com	phe ne	nes D	ased on the materials presented
Fyaluation	Method (includi	ng evaluation criter	ria)					
Compreher	ivo ovoluction 1	aged on in close to	(60.0/) are	d alac	nort:	oinatio	n (1)) 0(/)
		based on m-class les	or (00 %) af	iu ciass	s parti	erpatio	11 (40	////.
Textbook 基礎からし	、っかり学ぶ生(化学 羊土社						
Reference b	Books, Teaching	Materials, etc.	re					

Course	Env	vironmental Sci	ence			ISHIKAWA Makiko			
Course Period	2nd year, 2nd semester	Electives 2 credits	Class format	Lect ure	Course Classificati on	Liberal Arts [Nature and Environment]			
Objectives	ectives								
Through material cyc the global understandir will be able	this course, studies, and regional environmental hang of the factors to think about m	lents will acquire b and global environ history that has sh that cause critical en- heasures to control t	asic knowl mental pro aped it. B environmen hem and ex	edge o blems, ased o tal pro	of the charact focusing on on this know blems curren them in their	the modern global environment, the modern global environment and vledge, students will gain a basic tly occurring on a global scale, and own words.			
Environm surrounding characteristi on the mod knowledge, able to und knowledge	ental science is living things, i cs of the global ern global envir students will lea erstand environr they have acquir	the study of unders ncluding humans. I environment, mater onment and the his urn to think proactiv nental issues in an red and express it in	tanding the In this lect ial cycles, tory of the vely about e integrated n their own	e origin ure, st and reg globa enviror manne n word	as and charac udents will a gional and glo l environmen amental conse er. Students v s by writing	teristics of the natural environment acquire basic knowledge about the obal environmental issues, focusing at that has shaped it. Based on this ervation and restoration and will be will also learn how to organize the essays using newspaper articles on			
environmen	tal issues as teac	hing materials in th	e lectures.						
 Lesson Plan Earth in Atmosp Atmosp Atmosp Materia Hydrosp Hydrosp Hydrosp Hydrosp Air Poll Biodive Global I Humani Humani Humani Humani Future F Feedback on 	the Solar System here I; Structure here I; Motion o l Cycle ohere I; Water Cy ohere I; Water Cy ohere II; Land and ohere III; Ocean ution; Water Poll rsity Environmental Cl ty and the Enviro ty and the Enviro	a; the Lithosphere of the Atmosphere f the Atmosphere cle d Water ution; Soil Pollution nange, Formation of onment I; Emergence onment II; Climate C onment III; Energy an onment IV; Biodivers ience, In-Lecture Tere exams, reports, etc.) nd questions will be	the Current and Impac- hange nd the Envin sity Crisis, F sts and Essa given in the	Enviro t of Hu ronmer Enviror ays e lectur	onment mans tt umental Conse e.	ervation Efforts			
As the lectu to current af Contents of Prior learnin Post-lecture comments. Evaluation Comprehens Textbook Handouts w	re will use news fairs through ne Prior and Post- g: Actively look t review: Review t Method (includi ive evaluation ba	paper articles as tea wspaper reports. earning (preparation through newspaper re- he handouts in the le ng evaluation criter sed on essay and in- as necessary.	ching mate on and revi eports to ab ecture by rev ia) class test (6	rials, v ew) sorb th vising t 0%), as	ve would like e knowledge o he returned as ssignments su	students to pay conscious attention of current events. ssignments according to the lecturer's bmitted in class (40%).			
Reference B 九里徳泰他 鷲谷いづみ 吉原利一他 Other refere	tooks, Teaching 編著,新訂地理 他編;現代生物 編;環境科学, nce books will b	Materials, etc. 球環境の教科書 10 科学入門 6 地球 オーム社, 2010. be introduced in the	講,東京書 環境と保全 lecture.	書籍, 2 ≧生物≦	2014. 学,岩波書店	i, 2010.			

Course		English I						Shiamori Hisako
Course Period	1st year 1st semester	Required subject 1 credit	Class format	Exer- cise	Cou Class o	Course Classificati on		Liberal Arts [Language, Information, Sports]

Objectives

The aim of this course is to improve students' four skills in English and establish a foundation for university English for a globalised society by developing a basic syntactic knowledge of English for listening, reading, writing and speaking.

Lecture Outline English IA

The course aims to provide students with the basic knowledge needed to acquire the English language skills required for university study, as well as the ability to use unique English ideas and expressions. In order to ensure that students are able to acquire the knowledge that is lacking in their previous experience of learning English, students has taken English Aptitude Test beforehand to determine their stage of learning. In this class, students will actively learn practical English by reading, listening and pronouncing texts while reviewing grammar points. At the end of each class, students take a quiz on Moodle to consolidate their knowledge.

Lesson Plan

- 1 Guidance, basic English parts of speech and syntax, basic phonetics, 'Introduction' listening and reading
- 2 Verbs of state and action 1: explanations, 'Tropical Rainforests' listening, reading and exercises
- 3 Verbs of state and action 2, 'Rainforest Layers', listening, reading and practice
- 4 Parts of Speech and Sentence Structure 1: Explanations, 'Plants' Listening, Reading and Exercises
- 5 Parts of Speech and Sentence Structure 2: Commentary, 'Rivers' Listening, Reading and Exercises
- 6 Parts of Speech and Sentence Structure 3: Explanation, 'Mammals'.
- 7 Verb tenses Simple tenses1 Explanation, 'Minibeasts' Listening, reading and practice
- 8 Verb tenses Simple tense 2, 'Birds' Listening, reading and practice
- 9 Types and uses of legal auxiliaries1 Explanation, 'People' Listening, reading and practice
- 10 Types and uses of legal auxiliaries2 Explanations and exercises, 'Rainforest Problems' Listening, reading and practice
- 11 Nouns and Pronouns 1 Listening, reading and practice with 'Save the Rainforests!'
- 12 Nouns and pronouns 2 Listening and dictation
- 13 Prepositions and prepositional phrases Listening and dictation
- 14 Writing and group work
- 15 Review

Feedback on Assignments (exams, reports, etc.)

After completing the quiz on Moodle each time, read the explanations, review the mistakes and retake the quiz.

Course Notes

Classes are determined on the basis of the results of the English Aptitude Test administered after admission. Students are required to take the English remedial material on Moodle in parallel.

Contents of Prior and Post-learning (preparation and review)

The content of the next lesson will be given in class, so be sure to prepare for it. Each time you take a quiz, you must review what you have learned that day.

Evaluation Method (including evaluation criteria)

The overall assessment will be based on 20% on class participation (comments, presentations, etc.) and 80% on quizzes.

Textbook

Life in Rainforest. Oxford Read and Discover series, OUP. Other materials will be distributed in the classroom and on Moodle.

Reference Books, Teaching Materials, etc.

Instructions or handouts will be given in the classroom and on Moodle.

Course		English I						OHASHI Yukiko				
Course period	1st year 1 st semester	Required subject 1 credit	Class format	exercises	Co class i	urse sificat on	Liberal Arts [Language, Information, Sports]					
Objectives				1								
In this cla	ss, students wi	ll review college-lev	el gramm	ar by rea	ding	Englis	h ma	terials. This course aims to provide				
students with	a foundation	for reading primary	English ar	ticles, lit	eratu	re, and	docu	iments related to veterinary nursing				
by acquiring	basic college-l	evel English gramm	ar skills.	<i>,</i>		,		5 6				
Lecture Out	tline "English I	B"										
The goal of	of this course (Class B) is to enable	students t	o develo	p the	ir basic	Eng	lish language skills through reading				
and speaking	s. Students will	learn the basic Engl	ish vocabi	lary, exp	bressi	ons, ar	nd gra	ammar required for communication.				
Teaching ma	terials compris	e a prescribed textb	ook and m	aterials a	availa	able fro	om th	e Internet. Students are expected to				
actively part	icipate in vario	us types of assignme	nts. This i	nformati	on w	ill be p	rovic	led by the instructor on the first day				
of the course						1						
Lesson plan												
1 Guidand	e and explanat	ion of parts of speec	h									
2 Types of	f verbs 1: expla	nation of verb forms	5									
3 Types of	f verbs 2: textb	ook exercises										
4 Types of	f nouns and pro	onouns										
5 Quiz an	d review about	verbs and nouns										
6 Future t	ense (grammar	explanation and exe	rcises)									
7 Explana	tion of future to	ense 1: textbook exe	rcises									
8 Explana	tion of future to	ense 2: quiz and revi	ew									
9 Legal au	ixiliary verbs (grammar explanation	1)									
10 Legal au	ixiliary verbs (textbook exercises)										
11 Pronour	is (explanation	and textbook exercis	ses)									
12 Preposit	ions (explanati	on and textbook exe	rcises)									
13 Conjune	ction (grammar	explanation and exe	rcise)									
14 Review	of all contents,	quiz on syntax and	expression	18								
15 Review	test and explan	ation										
Feedback or	n assignments	(exams, reports, etc	2.)									
All the assig	nments will be	returned to the stude	ents with f	eedback	and c	ommei	nts.					
Course note	S											
Class is base	d on the profic	iency test results.										
Contents of	prior and post	t-learning (prepara	tion and 1	eview)								
Students are	expected to rea	nd related textbook p	ages befoi	re each cl	lass.							
Review the c	contents of each	n class.										
Evaluation	method (inclue	ling evaluation crit	eria)									
Overall evalu	uation will be b	ased on examination	us (60%), a	assignme	nts, a	ind par	ticipa	ation (40%).				
Textbook												
Simply Gran	<i>mar</i> , Nanundo	(南雲堂)										
Reference b	ooks, teaching	materials, etc.		1								
The material	s required for a	class will be provid	ed in the c	lassroon	1.							

Course		English I				Shimammori Hisako		
Course Period	1st year/ 1st semester	Required subject 1 credit	Class format	Exercise	Cor Class	urse ificati on	[]	Liberal Arts Language, Information, Sports]
Objectives The objectives to develop n their opinion	ective of this cla nore practical En ns in English.	ss is to build on th glish language ski	ne knowle ills, laying	edge of En g the found	glish a lations	acquire s for stu	ed up udent	to upper secondary school and ts to be able to think and express
Lecture Ou The aim develop mo opinions in previous ex stage of lea English, usi take quizzes	tline English I of English I is re practical Engl English. In order perience of learn rrning. In IC, you ng the BBC's En- s on Moodle to re	C to build on the ki ish language skill er to ensure that ning English, stud ou will learn gran glish at University eview their work.	nowledge s, laying t students a dents has t nmar and y online re	of Englis the founda are able to taken Eng vocabula esources. S	h acqu acqu lish A ry and Studen	uired u for stud ire the ptitude 1 deve ts will	ip to dents e kno e Test lop y work	upper secondary school and to s to be able to think and express owledge that is lacking in their t beforehand to determine their your ability to communicate in c in groups in the classroom and
Lesson Plan 1 Guidan 2 Episoda 3 Episoda 4 Episoda 5 Episoda 6 Episoda 7 Episoda 8 Episoda 9 Episoda 10 Episoda 11 Episoda 12 Episoda 13 Episoda 14 Episoda 15 Review	ce, Episode 1 - L e 2 - Just landed, e 3 – Roommate, e 4 - Freshers' W e 5 – Registration e 6 - Lectures be e 7 - The Semina e 8 - The Library e 9 - Dinner time e 10 - Getting do e 11 - Study skill e 12- Reboot!, M e 13- Deadlines, e 14- Lost proper	Leaving Home Parts of Speech Sentence Structur Yeek, Sentence Structur Yeek, Sentence Structur Jeek, Sentence Structur Jeek, Sentence Structur Jey, Verbals 1 Jar, Verbals 2 Y, Conjunction 1 Se, Conjunction 2 Sown to business, R Is, Relatives 2 Jood Voice rty, Comparison	re 1 ucture 2 elatives 1					
Feedback on Students that they can as necessary	n Assignments (e s will receive the n revise and retak /.	exams, reports, et e correct answers ke the quizzes if th	c.) to the qui ley make t	izzes on N mistakes.	Ioodle Other	e and, explan	if neo ation	cessary, instant explanations so as will be given in the classroom
Course Note Class place	es cement is based	on the results of th	he Englisl	n Aptitude	Test a	admini	stere	d beforehand
Contents of Prior-learni Post-learni	Prior and Post- ing: Students will ng: Students will	learning (prepara be required to way be required to take	tion and the	review) signed onli eview any i	ne mat mistak	terials f es, and	for ea retal	ich class. ke the quiz, if necessary.
Evaluation The overall	Method (includi evaluation will b	ng evaluation crit	t eria) review, an	d 20% cla	ss part	icipatio	on.	
Textbook, BBC online	e materials will be	e used						
Reference B Introduced	Books, Teaching in class.	Materials, etc.						

Course		English I					Shimammori Hisako
Course Period	1st year/ 1st semester	Required subject 1 credit	Class format	Exercis	Course Classificati on	[Lar	Liberal Arts nguage, Information, Sports]

Objectives

The objective of this class is to build on the knowledge of English acquired up to upper secondary school and to develop more practical English language skills, laying the foundations for students to be able to think and express their opinions in English.

Lecture Outline English ID

The aim of English I is to build on the knowledge of English acquired up to upper secondary school and to develop more practical English language skills, laying the foundations for students to be able to think and express opinions in English. In order to ensure that students are able to acquire the knowledge that is lacking in their previous experience of learning English, students has taken English Aptitude Test beforehand to determine their stage of learning. In ID, you will learn grammar and vocabulary and develop your ability to communicate in English, using the BBC's English at University online resources. Students will work in groups in the classroom and take quizzes on Moodle to review their work.

Lesson Plan

- 1 Guidance, Episode 1 Leaving Home
- 2 Episode 2 Just landed, Parts of Speech
- 3 Episode 3 Roommate, Sentence Structure 1
- 4 Episode 4 Freshers' Week, Sentence Structure 2
- 5 Episode 5 Registration, Tense
- 6 Episode 6 Lectures begin, Verbals 1
- 7 Episode 7 The Seminar, Verbals 2
- 8 Episode 8 The Library, Conjunction 1
- 9 Episode 9 Dinner time, Conjunction 2
- 10 Episode 10 Getting down to business, Relatives 1
- 11 Episode 11 Study skills, Relatives 2
- 12 Episode 12- Reboot!, Mood
- 13 Episode 13- Deadlines, Voice
- 14 Episode 14- Lost property, Comparison
- 15 Review

Feedback on Assignments (exams, reports, etc.)

Students will receive the correct answers to the quizzes on Moodle and, if necessary, instant explanations so that they can revise and retake the quizzes if they make mistakes. Other explanations will be given in the classroom as necessary.

Course Notes

Class placement is based on the results of the English Aptitude Test administered beforehand

Contents of Prior and Post-learning (preparation and review)

Prior-learning: Students will be required to watch the assigned online materials for each class.

Post-learning: Students will be required to take a quiz, review any mistakes, and retake the quiz, if necessary.

Evaluation Method (including evaluation criteria)

The overall evaluation will be 60% quiz, 20% review, and 20% class participation.

Textbook,

BBC online materials will be used

Reference Books, Teaching Materials, etc.

Introduced in class.

Course		English I						OHASHI Yukiko					
Course period	1st year 1 st semester	Required subject 1 credit	Class format	exercises	Co class i	urse sificat on	Liberal Arts [Language, Information, Sports]						
Objectives													
This class	aims to enab	le students to acqui	re commu	inicative	com	petence	e by	utilizing their basic knowledge of					
grammar, sy	ntax, and vocab	oulary to participate i	n actual co	ommunic	ation	. Stude	nts a	re expected to formulate appropriate					
English sent	ences using the	eir acquired knowled	dge. While	e reviewi	ng th	ne Engl	lish g	grammar and vocabulary frequently					
used in Engl	ish texts, stude	nts will learn how to	read Engl	ish texts	effect	tively a	and u	nderstand the contents of these texts					
on their own	, which will pro	omote self-learning.	U			5							
Lecture Out	t line "English I	E"											
This cours	se (Class E) see	ks to enable students	s to develo	n advand	red E	nolish	lanor	age skills via reading and speaking					
Students wil	l learn to apply	v English vocabulary	evoressio	ons and	orami	mar foi	· com	munication. The teaching materials					
include mate	rials available	on the Internet in ad	dition to th	no, and		inai ioi	teria	ls Students are expected to actively					
norticipate ir	various types	of assignments The	instructor	will prov	ido r	alatad j	nfor	nation on the first day of the course					
L osson nlon	i various types	of assignments. The	mstructor	will plov	Tue Iv		mon	nation on the first day of the course.					
1 Cuidan	a (about alaga	a in the second server	atan and n	arriarry of	<u> </u>			actor					
1 Guidand	e (about classe	es in the second seme	ester and r	eview of	the p	reviou	s sen	lester)					
2 Sentenc		A ' 1 1 /1' /	• 1	1.)									
3 Literatu	re and Culture	on Animals 1 (listen	ing and re	ading)	、 、								
4 Literatu	re and Culture	on Animals 2 (discu	ssion and (exercises)								
5 Pet Kee	ping I (listenin	g and reading)											
6 Pet Kee	ping 2 (pair wo	ork)											
7 Animal	Behaviour I (II	istening and reading)										
8 Animal	Behaviour 2 (g	roup work, presenta	tion)										
9 Animal	Nursing 1 (list	ening and reading)											
10 Animal	Nursing 2 (dise	cussion and exercise	s)										
11 News of	n Animals (pair	r work and exercises)										
12 News of	n Animals (gro	up work, presentatio	n)										
13 Animal	Science and St	udies (listening and	reading)										
14 Review	of all contents,	, quiz on syntax and	expressior	18									
15 Review	test and explan	nation											
Feedback of	n assignments	(exams, reports, etc	c.)										
All the assig	nments will be	returned to the stude	ents with f	eedback	and c	ommer	nts.						
Course note	S												
This class is	determined bas	sed on the proficienc	y test resu	lts.									
Contents of	prior and pos	t-learning (prepara	tion and 1	review)									
Students are	expected to rea	ad related materials h	efore clas	ses.									
Review the o	contents of each	n class.	••••••••••										
Evaluation	method (inclue	ding evaluation crit	eria)										
Overall eval	uation will be h	ased on examination	(60%) a	nd class	nartic	rinatio	n (40	%)					
o veran e van			15 (0070) u		partic	iputio	1 (+0						
Textbook													
Not specified	d.												
Reference h	ooks, teaching	materials, etc.											
The material	s required for a	a class will be given	in a classr	oom.									
	1												

Course		English I				Shiamori Hisako						
Course Period	1st year 1st semester	Required subject 1 credit	Class format	Exer- cise	CourseLiberal Arts [Language,ClassificatiInformation, Sports]							
Objectives The aim of to develop t course will a	of this course is to heir own ideas a also aim to devel	o provide students v nd expressions. Th lop vocabulary and	vith a basi e emphasi expressio	ic knowl is will b ns and to	edge o e on s o impr	of com yntacti ove pr	municative English and to help them ic and pragmatic awareness, and the actical skills.					
Lecture Ou This cour skills requir language. In experience beforehand. In class, while review comprehenss on Moodle t	tline English IF se is designed to ed for university n order to ensur of learning Eng students will use wing grammar a ion, and working to consolidate the	provide students w study, as well as to e that students are lish, students are g e BBC online mate and syntax, 'shado g in groups to impro eir knowledge.	vith the ba introduce able to a given Eng rials and wing' to we commu	sic know e them to acquire the glish App other re build list unication	vledge the u the kn titude source stening n skill	necess nique owled Test to es to b g skills s. After	sary to acquire the English language ideas and expressions of the English ge that is lacking in their previous o determine their stage of learning uild their reading and writing skills s, building vocabulary and reading r each class, students will take a quiz					
1 Guidan 2 Article 3 Article 4 Article 5 Article 6 Article 7 Article 8 Article 9 Article 10 Article 11 Article 12 Article 13 Article 14 Article 15 Review Feedback on After compl	ce, exercise and on animals 1 Co on animals 2 Co on animals 2 Co on animals 3 Co on animals 4 Co on animal conse on animal conse on animal conse on animal conse on animal conse on globalisation on globalisation on globalisation on Animal Welfa	explanation mprehension, exerce mprehension, exerce mprehension, exerce mprehension, exerce rvation 1 Comprehe rvation 2 Comprehe rvation 3 Comprehe rvation 4 Comprehe 1 Comprehension, 2 Comprehension, 3 Comprehension, are 1 Comprehension, are 2 Comprehension, are 3 Comprehension, are 1 Comprehension, are 2 Comprehension, are 1 Comprehension, are 2 Comprehension, are 1 Comprehension, are 2 Comprehension, are 2 Comprehension, are 3 Comprehension, are 4 Comprehension, are 5 Comprehension, are 5 Comprehension, are 5 Comprehension, are 6 Comprehension, are 7 Comprehension, are 7 Comprehension, are 7 Comprehension, are 7 Comprehension, are 8 Comprehension, are 9 Comprehension,	tises, shad tises, shad tises, shad tises and s ension, ex ension, ex ension, ex ension, ex exercises exercises exercises on, exercises on, exercises on, exercises	lowing lowing shadowing ercises a ercises a ercises a and shad and shad and shad ases and s ses and s	ng and sh and sh and sh dowin dowin dowin shadow shadow	adowin adowin adowin g g ying ving ving review	ng ng ng ng v the mistakes and retake the quiz.					
Course Note Classes are	es determined on th	e basis of the resul	ts of the E	English A	Aptituc	le Test	administered after admission.					
Contents of The content reviewing w Evaluation The overall a	Prior and Post- of the next lesso hat you have lear Method (includi assessment will be	earning (preparati n will be given on l ned that day. ng evaluation criter e based on 20% on c	on and re Moodle, so ria) lass partici	view) o be sure	e to pro	epare f ents, pr	for it. Each time you take a quiz after resentations, etc.) and 80% on quizzes.					
Textbook Using online Reference B Instructions	materials. Books, Teaching I or handouts will	Materials, etc. be given in the class	room and	on Mood	lle.							

Course		English II						Shiamori Hisako
Course Period	1st year 2nd semester	Required subject 1 credit	Class format	Exer- cise	C Clas	ourse sification	[I	Liberal Arts Language, Information, Sports]
Objectives Students have gained	will develop thei in the previous	r ability to understa term and will be ab	and more of le to write	complex e and spe	Engli eak mo	sh texts by ore practic	y bi al l	uilding on the knowledge they English.
Lecture Ou Students will listen to acquire com their knowle	tline English IIA will learn to read audio materials imunicative voca edge.	and write using the on the BBC webs bulary and expression	e gramma ite and wo ion. After	atical kn ork in gr class, stu	owled oups t idents	ge they ha o practice will take o	ave spo qui	acquired in English IA. They eaking and writing in order to zzes on Moodle to consolidate
Lesson Plar 1 Guidan 2 Verb Pl 3 Voice: 1 4 Conjun 5 Conjun 6 Vocabu 7 Relativ 8 Relativ 9 Express 10 Mood: 11 Writing 12 Verbals 13 Verbals 14 Verbals 15 Review	ce, review of pre- nase: Progressive Passive and active ctions 1: Coordin ction 2: Subordin lary and express es 1: Explanation es 2: Explanation sions of compari- Indicative and su g and group work 1: Gerund, expl 2: Infinitive, exp 3: Participle, ex- vetsts and explanation	evious semester and e and perfective ver ve voices, explanati nate conjunctions, e ion practice, writin ns and exercises, Li ns and exercises, Li son: explanations a ubjunctive mood, ex- c anations and exerci planations and exerci planations and exerci- nations	l exercises bs, explar on and ex- explanatio g and grou istening pr astening pr nd exercis xplanation ises. Listen rcises. Listen rcises. List	ations a ercises. on and ex- on and ex- on and ex- practice ractice ses. Liste as and ex- ning pra- tening pr tening p	nd exe Listen cercise ening p cercise ctice ractice ractice	ercises. Lis ing practic es. Listenir es. Listenir practice es. Listenir	ster ce ng j ng j	ning practice practice practice
Feedback of After compl Ask question	n Assignments (e leting the quiz or ns if necessary.	e xams, reports, etc. n Moodle each time) e, read the	explana	tions,	review the	e m	istakes and retake the quiz.
Course Not Class chang are fulfilled.	es es may occur acco Details will be g	ording to the results iven at the guidance	of the first, so be sur	t semeste e to atter	er. Stud nd the	lents may a guidance.	ask	to change classes if conditions
Contents of Before class learning, the content of ea	Prior and Post-l , students are expe- ey are expected to ach lesson and tak	learning (preparati ected to read and list do shadowing at ho at the quiz.	ten to the come to revi	view) ourse ma iew lister	aterial, ning ai	which will nd pronunc	l be iati	e presented on Moodle. As post- ion. Students should review the
Evaluation The overall a	Method (includi assessment will b	ng evaluation crite e based on 20% on c	ria) lass partic	ipation (comm	ents, preser	nta	tions, etc.) and 80% on quizzes.
Textbook Instructions	will be given on I	Moodle.						

Instructions or handouts will be given in the classroom and/or on Moodle.

Course		English II						OHASHI Yukiko				
Course period	1st year, 2 nd semester	Required subject 1 credit	Class format	exercises	Co class i	ourse sificat on	Liberal Arts [Language, Information, Sports]					
Objectives												
In this co	ourse, students	will review Engli	sh gramm	nar at th	e un	iversit	y lev	vel and learn the basics of using				
communicati	ve English. Th	is course is aimed a	at helping	students	to in	nterpre	t the	basic syntax necessary for reading				
English and	acquire the prac	ctical level of lexical	l items for	commur	nicati	on.						
Lecture Out	l ine "English I	IB"										
This cours	e is designed to	improve students' i	eading con	mprehen	sion a	and dev	elop	their practical language skills based				
on the knowl	edge and skills	acquired in the prev	vious seme	ster. Stud	lents	are exp	pecte	d to use the grammatical knowledge				
acquired in	English I in th	eir speaking and w	riting pra	ctice to	acqui	ire an	appli	ed communicative vocabulary and				
expressive la	nguage skills.											
Lesson plan												
1 Guidanc	e (about classe	s in the second seme	ester and re	eview of	the p	reviou	s serr	nester)				
2 Tenses (grammar expla	nations and exercise	es)		1							
3 Animal	Nursing 1 (voc	abulary and gramma	ur)									
4 Animal	Nursing 2 (disc	cussion and exercises	s)									
5 Quizzes	and explanatio	ons about tenses										
6 Preposit	positions (making sentences and exercises)											
7 News or	n Animals 1 (lis	stening and reading)										
8 News or	n Animals 2 (gr	oup work, problem-	solving)									
9 Quizzes	and explanatio	ons about preposition	IS									
10 Infinitiv	es (grammar ex	xplanation and exerc	ises)									
11 Animal	Science and St	udies 1 (vocabulary	and gramn	nar)								
12 Animal	Science and St	udies 2 (group work)									
13 Quizzes	and explanatio	ons about infinitives										
14 Group v	vork and presen	ntation on English ar	ticles									
15 Review	(test and explan	nation)										
Feedback or	assignments	(exams, reports, etc	e.)									
All the assig	nments will be	returned to the stude	ents with fo	eedback	and c	commen	nts.					
Course note	S											
Students that	meet the requi	irements may reques	st to chang	e classes	s. Be	sure to	atter	nd the guidance in which the course				
details will b	e explained.		-					_				
Contents of	nrior and nost	-learning (nrenara	tion and r	eview)								
Students are	expected to rea	d related materials h	efore each									
Review the c	contents of each	n class		1 01035.								
Evaluation	nethod (includ	ling evaluation crit	oria)									
Overall evalu	ation will be h	ased on examination	(60%) a	nd class	narti	rinatio	h (40	%)				
Textbook		used on examination	10 (00 /0 / a	110 01055	Purit	ipanoi	1 (40	/0]•				
Simply Com	mar Nonunda	(
Simply Gran	andr, manundo	(旧去里/										
Keierence b	ooks, teaching	materiais, etc.	- 1 : 1	1								
i ne material	s required for a	class will be provid	ed in the c	assroon	1.							

Course	English II						Shiamori Hisako			
Course Period	1st year 2nd semester	Required subject 1 credit	Class format	Exer- cise	Con Class 0	urse ificati n	Liberal Arts [Language, Information, Sports]			
Objectives The objective of this class is to enable students to read current English texts on animal-related topics, to understand the changing relationship between humans and animals from a broad perspective, and to acquire the English language skills necessary to play an active role in a globalised society, as well as the basic knowledge and education necessary to express their own opinions.										
Lecture Outline English IIC The class will build on the knowledge and skills acquired in English I in terms of grammar, vocabulary and reading comprehension, and will use listening, dictation and group work to develop practical language skills. Students will use online resources to keep up to date with the latest information and vocabulary and will choose articles that relate to animals as much as possible.										
Lesson Plan 1 Guidan 2 Article	n ce, Article on Na on Animals	ature								

- 3 Article on Science
- 4 Article on Nature
- 5 Article on Animals
- 6 Article on Science
- 7 Article on Nature
- 8 Article on Animals
- 9 Article on Science
- 10 Article on Nature
- 11 Article on Animals
- 12 Article on Science
- 13 Article on Nature
- 14 Article on Animals
- 15 Review

Feedback on Assignments (exams, reports, etc.)

There will be an online quiz on Moodle to review each lesson. Students will receive online feedback on the correct answers and explanations immediately after each lesson.

Course Notes

The class could be changed according to the results of the first semester.

Contents of Prior and Post-learning (preparation and review)

Prior learning: Students should read the article set on Moodle. Post-learning: Students will be required to take a quiz after reviewing the class. If there are any mistakes, review and retake the quiz.

Evaluation Method (including evaluation criteria)

The overall assessment will be based on 20% on class participation (comments, presentations, etc.), 60% on quizzes, and 20% on Riview.

Textbook

Using online material.

Reference Books, Teaching Materials, etc.

Introduced in the class. Bring a dictionary (paper or electronic) to each class.

Course		English II				OHASHI Yukiko
Course period	1st year, 2 nd semester	Required subject 1 credit	Class format	exercises	Course classificat ion	Liberal Arts [Language, Information, Sports]
Objectives		I	1	1		i
In this clases	ss, based on the through extens	grammar skills acquive reading and fast	uired in the reading.	e previou The mate	s semester, s rials include	students will learn animal-related English e articles focusing on veterinary nursing
and the issue as well as th	es about wild an e basic and app	nimals. Learning spe- licative skills of Eng	glish comp	lish expression.	essions will	expand students' reading comprehension
Lecture Ou	tline "English l	ID"				
"This cou	rse aims to dev	elop students' pract	ical langua	age skills	based on th	he knowledge and skills they acquired in
English I. Th	nis course seeks	to improve four bas	ic skills: li	istening,	reading, spe	aking, and writing. Students will practice
extensive re	ading and fast	reading using Engl	lish texts	on a wie	le range of	topics to develop their vocabulary and
expressive s	kills, and utilize	e these skills for con	nmunicatio	on throug	h paired pra	ictice.
Lesson plan	l	est compostor alogges		, of the f	nat ana da)	
2 Intensiv	ce (about the fill	Test reading 1	and review	or the fi	rst grade)	
3 Intensiv	e reading and f	ast reading 7				
4 Extensi	ve reading and	fast reading				
5 Review	1 (Review quiz	1)				
6 Read an	d English artic	le 1 (group work and	d mini-qui	z)		
7 Read an	d English artic	le 2 (discussion and	mini-quiz)		
8 Read an	d English artic	le 3 (discussion and	mini-quiz)		
9 Review	2 (Review quiz	(2)	1	1 \		
10 Reading	g Scientific Jou	rnal I (explanation a	ind group	WORK)		
12 Reading	scientific Jou	rnal 2 (discussion and	ind group	work)		
13 Reading	Scientific Iou	rnal 4 (discussion an	nd preentat	tion)		
14 Reading	g Scientific Jou	rnal 5	ia preema	.1011)		
15 Review	(quiz and expl	anation)				
Feedback of	n assignments	(exams, reports, et	c.)			
All the assig	nments will be	returned with feedb	ack and co	omments.		
Course note	es					
Students that	t meet the requ	irements may reques	st to chang	ge classes	s. Be sure to	attend the guidance in which the course
details will b	be explained.					
Contents of	prior and pos	t-learning (prepara	tion and	review)		
Students are	expected to rea	ad related materials l	before clas	sses.		
Review the o	contents of each	n class.				
Evaluation	method (inclue	ding evaluation crit	teria)	1 1		(100/)
Overall eval	uation will be t	based on examination	ns (60%) a	ind class	participation	n (40%).
Textbook						
Not specifie	d.					
Reference b	ooks, teaching	materials, etc.				
Course mate	rials will be dis	stributed in the class	room.			

Course		English II						OHASHI Yukiko					
Course period	1st year, 2 nd semester	Required subject 1 credit	Class format	exercises	Co class i	ourse sificat on	Liberal Arts [Language, Information, Sports]						
Objectives				1									
In this cla	ss, based on the	e grammar skills acqu	uired in the	e previou	s sem	nester, s	stude	nts will learn animal-related English					
expressions	through listeni	ng and dictation wh	ile watchi	ng DVD	s abo	out anii	mals,	with the aim of understanding the					
content in E	Inglish without	translation. Student	ts will also	o learn s	pecifi	ic expr	ressio	ons used in animal care that can be					
utilized in th	eir animal care	practice.											
Lecture Ou	tline "English l	IE"											
"This cou	rse aims to dev	velop students' pract	ical langua	age skills	base	ed on th	ne kn	owledge and skills they acquired in					
English I. Tl	his course seeks	s to improve four ba	sic skills:	listening	, read	ling, sp	eakir	ng, and writing. Students will listen,					
dictate and 1	read English te	xts on a wide range	of topics	to develo	op the	eir voca	abula	ry and expressive skills, and utilize					
these skills f	for communicat	tion through paired p	oractice.										
Lesson plan	1												
1 Guidan	ce (about the fin	rst semester classes a	and review	of the fi	rst gr	ade)							
2 Wild an	imals' Life 1 'V	/iverridae' (explanati	ion and gro	oup work	.)								
3 Wild an	imals' life 2 'W	vild birds' (explanation	on followe	d by grou	up wo	ork)							
4 Read En	nglish articles r	elated to wild anima	ls (pair wo	ork and p	resen	tations)						
5 Marine	life 1 'Deep-wa	ater fish' (explanation	n and discu	ussion)									
6 Marine	Life 2 'Creature	e in the sea and unde	ersea life' (explanat	ion ai	nd pair	work	k)					
7 Read an English article about Creature in the sea (pair work and presentations)													
8 Review of previous lessons (quiz and explanation)													
9 Insects	1 'Aquatic inse	cts' (explanation and	group wo	rk)									
10 Insect 2	Body invaders	s' (explanation and g	roup work	z)									
11 Read an	english article	e on Insects (pair wo	rk and pre	sentation	s)								
12 Compre	hension of Eng	glish article 1 'GM fo	ods' (grou	p work a	nd m	ini-qui	Z)						
13 Compre	hension of Eng	glish article 2 'Dog tr	aining' (di	scussion	and 1	mini-qu	ıiz)						
14 Compre	hension of Eng	glish article 3 'Nutriti	ion' (discu	ssion and	l min	i-quiz)							
15 Review	(quiz and expl	anation)											
Feedback o	n assignments	(exams, reports, et	c.)										
All the assig	nments will be	returned with feedb	ack and co	omments.									
Course note	es												
Students that	t meet the requ	irements may reques	st to chang	ge classes	s. Be	sure to	atter	nd the guidance in which the course					
details will b	be explained.			-									
Contents of	prior and pos	t-learning (nrenara	tion and	review)									
Students are	expected to rea	ad related materials l	pefore clas	ses									
Review the	contents of each	h class.											
Evaluation	method (inclu	ding evaluation crit	eria)										
Overall eval	uation will be h	ased on examination	(60%) a	nd class	partic	cipatio	n (40	%)					
o veran e var			lib (0070) u	ind clubb	purit	cipation	1 (10	/ ·).					
Textbook													
Not specifie	d.												
Reference b	ooks, teaching	g materials, etc.											
Course mate	rials will be dis	stributed in the class	room.										

Course		English II					Shiamori Hisako
Course Period	1st year 2nd semester	Required subject 1 credit	Class format	Exer- cise	C Clas	ourse sification	Liberal Arts [Language, Information, Sports]
Objectives			1				· · · · ·
The emph The objectiv that they with	asis is on under ve of the class is t ll need in the fut	standing the conten to improve students' ure as the class uses	t of Engli English la s English	sh texts anguage texts abo	and w skills out an	riting and by focusin imals.	speaking about them in English. ag on vocabulary and expressions
Lecture Out	tline English IIF						
This class in English II In order t articles as w knowledge.	is to be built on F and to develop to improve voca rell as the BBC's	the knowledge and practical language bulary and expressi online resources. A	skills in g skills. ion, stude After class	rammar, nts will , student	vocat read a s will	oulary and and discus take a qui	reading comprehension acquired s a wide range of topical online z on Moodle to consolidate their
Lesson Plan	l						
 Guidam Literatu Literatu Literatu Literatu Article Miting Writing Writing After the n 	ce, Excercises ire on animals 1: ire on animals 2: ire on animals 3: on Pet Animals 3: on Pet Animals 3: on Pet Animals on Zoology 1: L on Zoology 2: L on Animal Beha on Animal Beha on Animal Healt on Animal Healt on Animal Healt on Animal Welf and Discussion n Assignments (or	Listening, reading Listening, reading Listening, reading Listening, reading Listening, reading Listening, reading an Listening, reading th 1: Listening, reading are: Listening, reading are: Listening, reading Listening, reading are: Listening, reading Listening, reading Listening Lis	and work and work and work g and worl g and work ind work in reading an ling and w ling and w ing and w	in pair in pair in pair k in pair k in pair pair nd work nd work vork in p ork in pa ork in pa	r in pai in pai pair pair air	r r	
Course Note The class conditions ar	es could be change re fulfilled. Detai	ed according to the ls will be given at th	results of e guidance	the first e, so be s	seme sure to	ester. Stude attend the	ents may ask to change classes if guidance.
Contents of Students a books, so tha Students a practice liste	Prior and Post - are expected to de at any unclear point are expected to re- ning at home.	learning (preparati o some preliminary r ints can be resolved eview the knowledge	on and re research o during the e gained in	view) n the ma class. n class a	terial nd tak	distributed	, using dictionaries and illustrated on the same day. Students should
Evaluation	Method (includi	ng evaluation crite	ria)				
The overall a	assessment will b	be based on 40% on c	class partic	cipation (comm	ents, prese	entations, etc.), 60% on quizzes.
Textbook	• • • •	1 27					
Using online	e material introdu	ced on Moodle.					
Reference B	Books, Teaching	Materials, etc.					
Introduced o	n the Moodle and	d/or in the classroom	l .				

Course		English III						UETSUKI Keiichiro			
Course Period	2 nd year 1 st semester	Required / 1 credit	Class format	exerci ses	ci Course Classificati on Liberal arts [Language, Informa Sports]						
Objectives											
At first, the	students should	l understand that "	grammar is	bones	and	vocabu	ılary	is bloods" and secondly grasp			
accurate gra each senten speaking." 7 dictionaries in the future	mmar rules and ce) leads to stro They also should The aim of this The target is an	build up each word engthening the bas I recognize the imp class is to reinforce ound 400 or 500 pc	l including ics of the ortance of the foundation term	its orig four la referrin tion fon	gin. Pa anguag ng to l r readi OEIC	rsing t ge skill English ng and	horo ls: "1 n enc l writ	ughly (analysis and anatomy of reading, writing, listening, and cyclopedias as well as language ing academic English sentences			
Lecture Out	tline										
This class w to acquire p activities. T trainings to practical En activities ba techniques.	This class will focus on syntax and grammar exercises, and language activities that include pair works. The aim is to acquire practical language skills by reviewing university-level grammar rules necessary for practical language activities. The A and B course mainly use such teaching materials as related to animals, and provide the practical rainings to strengthen the four language skills through the activities. In C and D, with the aim of improving practical English proficiency, the class mainly focus on acquiring academic vocabulary and extensive reading activities based on it. In E and F, you will learn more advanced vocabularies and learn accurate and quick reading techniques.										
Lesson Plan	l										
 Introduce Unit 1 Unit 2 Unit 2 Unit 2 Unit 3 Review Unit 4 Tunit 5 Review Unit 6 Review Review<td>ction: To master Noun errors: the Article errors: Co Verb errors (1): t from unit 1 to 3 Verb errors (2): t Tense errors: Wh Verb and Noun C from unit 4 to 6 g comprehensior e for reading—T e for seeing—Ar e for listening— e for newspaper n, b: Total review</td><th>"reading" and "list difference between puntable nouns and he difference between he difference between at is the present per Collocation 1 The Japan Times We nastasia (1997 film) "My Heart Will Go reading and TV new v and explanation o</th><td>ening" salary and uncountabl een "put on' een "rise" an rfect? eekly the la or TED Ta on" (1997 ws watchin f the exam</td><td>wage le noun ' and " nd "rais test edi alks () by Co g and 1</td><td>us wear" se" ition éline I istenin</td><th>Dion &</th><td>: TOI</td><td>EIC LISTENING PART</td>	ction: To master Noun errors: the Article errors: Co Verb errors (1): t from unit 1 to 3 Verb errors (2): t Tense errors: Wh Verb and Noun C from unit 4 to 6 g comprehensior e for reading—T e for seeing—Ar e for listening— e for newspaper n, b: Total review	"reading" and "list difference between puntable nouns and he difference between he difference between at is the present per Collocation 1 The Japan Times We nastasia (1997 film) "My Heart Will Go reading and TV new v and explanation o	ening" salary and uncountabl een "put on' een "rise" an rfect? eekly the la or TED Ta on" (1997 ws watchin f the exam	wage le noun ' and " nd "rais test edi alks () by Co g and 1	us wear" se" ition éline I istenin	Dion &	: TOI	EIC LISTENING PART			
Feedback of	n Assignments (e	exams, reports, etc.) avmlainad i	n data	land	ooroful	11-1 4	ton analy an analysis was submitted			
The example	to reach the cor	rect answer will be	explained in reports	m detai	u and	careful underg	iiy al tand	ther each answer was submitted.			
Course Note In the class, with you wh	you should con en you attend th Prior and Post-	centrate on the task the class. An electron learning (preparati	and active ic dictionation	ely part ry will iew)	icipate do.	e in the	e clas	ss. Please bring your dictionary			
Please try th	e exercises once		sure to mer	norize	vocab	outary,	pnra	ses, and model sentences.			
Evaluation Comprehens (presentation Textbook	Method (includi sive evaluation ns, submissions,	ng evaluation criter will be made as 5 class participation,	ria) 50% for ex etc.).	ams (i 本語考	includ を現の	ing qu	izzes	s) and 50% for normal points			
Shoten 202	1) $¥1 800 + tax$	ISBN 978-4-7553	-0052-3		x-9607	- 1 - 1	- T.				
Reference B 『マーフィ 法』 Others	iooks, Teaching ーのケンブリー will be mention	KA / Roger NORTHRIDGE 『読み・書く 英語表現のホイント 15 卓』 (Otowa Shobo Isurumi), ¥1,800 + tax, ISBN 978-4-7553-0052-3. poks, Teaching Materials, etc. ーのケンブリッジ英文法・中級編』第 4 版。イエスペルセン『対訳エッセンシャルズ英文 will be mentioned in the class.									

Course		English III					OHASHI Yukiko			
Course period	2nd year 1 st semester	Required subject 1 credit	Class format	exercises	Course classificat ion	Liberal Arts [Language, Information Sports]				
Objectives					1					
This class English gran the completi	is aimed at ena nmar and vocab on of all fifteen	abling students to rea pulary required for co a classes, think indep	ad English omprehens oendently,	texts an sion. Stuc	d understand lents are exp apply their	d sent bected acqui	tence structure while explaining the I to read literature on their own after ired skills into practice.			
Lecture Ou	tline "English I	IIB"								
This class Course mate speaking, an	will focus on s erials include an d writing. Stud	yntactic and gramma nimal-related articles ents will practice rap	tical exerces and activities and activities of the second se	cises alor vities to a g and lear	ng with langu strengthen th rn advanced	lage a ne fou -level	activities that incorporate pair work. ur basic skills of listening, reading, expressions.			
Lesson plan	1									
 Guidane Read ar Read af Read af Read af Read af Read ar Read ar Read m Read m Read ar Review Review English Latest F 	ce (about classe ad understand th ore about 'Com out 'Common p ad discuss 'Com 1 (review, quiz ore about 'Occu occupational Sa d discuss conte 2 (review, quiz Interpretation Interpretation English articles	es in the second seme ne content of 'Profess mon procedures of AHT' a procedures of AHT' a mon procedures of A a and explanation) apational Safety and fety and Health' and ent on 'Occupational a, and explanation) 1: Read an article ab 2 Read an article ab 1 Read the latest arti	ester and r sional app AHT.' and work i AHT Health.' Work in p Safety and out anima out AHT (i cles about	eview of earance of in pairs airs. d Health ls including t animal	the previou of AHT.' discussion) welfare.	s sem	lester)			
14 Latest H	English Articles	2 Read the latest art	icles abou	ıt animal	issues.					
15 Review	(quiz and explained in the second sec	anation)								
All the assion	n assignments	(exams, reports, etc	C.) ents with f	eedback	and comme	nte				
All the assig	innents win be	returned to the stude	ints with i	CCUDACK		115.				
Course note Students tha details will b	es t meet the requ be explained.	irements may reques	st to chang	ge classes	s. Be sure to	atten	nd the guidance in which the course			
Contents of	prior and pos	t-learning (prepara	tion and	review)						
Students are	expected to rea	ad related materials b	before clas	sses.						
Review the o	contents of each	n class.	· · · · · · · · · · · · · · · · · · ·							
Overall eval	uation will be b	based on examination	eria) 1s (60%) a	and class	participation	n incl	uding assignments (40%).			
Textbook										
Not specifie	<u>d.</u>									
Course mate	ooks, teaching	stributed in the classi	room							

Course		EnglishIII						ABE Keiko			
Course Period	2nd year 1st semester	Required subject 1 credit	Class format	exer cises	r cs Classificati on Liberal Arts [Language, Information, Sports]						
Objectives											
The goal of	this course is to	enhance more prac	tical Englis	h lang	uage s	kills b	ased	on what students learned in the			
first year. St animals. Au	tudents will impr dio-visual mater	rove vocabulary and ials will also be use	d comprehe d to develo	ension p lister	skills ning a	by read nd rapi	ling id-rea	a variety of English texts about ading skills.			
Lecture Out	tline										
Students wi	ll read a variety	of newspaper artic	les concern	ing an	imals	such a	s dog	gs, birds, and marine creatures.			
They will a	nswer comprehe	ension and gramma	r questions	s, and	transl	ate the	sent	ences into Japanese. At times,			
students wil	l focus on impor	rtant grammar items	s. Listening	g and ra	apid-re	eading	will	also be conducted using audio-			
visual mater	rials. Each class	will have a quiz on	the conten	t of the	e prev	ious cl	ass. S	Students will take a review test			
twice during	g the semester. A	fter quizzes and rev	view tests, f	eedbac	ck will	be giv	ven ir	n class.			
Lesson Plan	n	-				-					
1 Introdu	ction										
2 Animal	s in the City 1										
3 Animal	s in the City 2										
4 Animal	s in the City 3										
5 Dogs' N	Noses 1										
6 Dogs' N	gs' Noses 2										
7 Dogs' N	Noses 3										
8 Review	1										
9 Bird Ro	paming 1										
10 Bird Ro	paming 2										
11 Bird Ro	paming 3										
12 Marine	Creatures 1										
13 Marine	Creatures 2										
14 Marine	Creatures 3										
15 Review	2	/									
After quizze	es and review tes	(exams, reports, et ts, feedback will be	given in cl	lass.							
Course Not	es										
The class m	ay be changed a	ccording to the grad	de of the fi	rst yea	r. Det	ails wi	ll be	explained during the guidance,			
so be sure to	attend the guid	ance.		• ``							
Contents of	Prior and Post	-learning (prepara	ation and r	eview))	-					
Preparation:	Class materials	will be given in adv	vance. Prep	bare for	the n	ext cla	SS.	•			
Review: Re	view what you le	earned in class and	be prepared	for th	e quiz	zes and	d the	review tests.			
Evaluation	Method (includ	ling evaluation cri	teria)								
Quizzes, Cla	ass Participation	, etc.: 70%									
Review les	18: 50%										
Class motor	iale will be giver	in class									
	iais will be giver	1 111 (1855.									
Reference I	Books, Teaching	g Materials, etc.									
Bring an En	glish-Japanese d	lictionary.									
L											

Course		EnglishIII						ABE Keiko			
Course Period	2nd year 1st semester	Required subject 1 credit	Class format	exer cises	er es Classificati on Liberal Arts [Language, Information, Sports]						
Objectives											
The goal of	this course is to	enhance more prac	tical Englis	h lang	uage s	kills b	ased	on what students learned in the			
first year. St	udents will impr	rove vocabulary and	d comprehe	nsion	skills	by read	ding	a variety of English texts about			
animals. Au	dio-visual mater	ials will also be use	d to develo	p lister	ning a	nd rap	id-rea	ading skills.			
Lecture Out	tline										
Students wi	ll read a variety	of newspaper articl	les concern	ing an	imals	such a	s dog	gs, birds, and marine creatures.			
They will a	nswer comprehe	ension and gramma	r questions	s, and	transl	ate the	sent	ences into Japanese. At times,			
students wil	l focus on impor	tant grammar items	s. Listening	and ra	apid-re	eading	will	also be conducted using audio-			
visual mater	ials Fach class	will have a quiz on	the conten	t of the	- nrev	ious cl	255	Students will take a review test			
	Idis. Each class		the conten	11	. piev	1045 01					
twice during	g the semester. A	fter quizzes and rev	new tests, f	eedbac	k will	be giv	ven 1r	n class.			
Lesson Plan	n										
1 Introdu	ction										
2 Animal	s in the City I										
3 Animal	s in the City 2										
4 Annhal 5 Dogo' N	In the City 5										
5 Dogs F	logs Noses 2										
7 Dogs N	7 Dogs' Noses 3										
8 Review	1										
9 Bird Ro	aming 1										
10 Bird Ro	aming 2										
11 Bird Ro	aming 3										
12 Marine	Creatures 1										
13 Marine	Creatures 2										
14 Marine	Creatures 3										
15 Review	2										
Feedback o	n Assignments	(exams, reports, et	c.)								
After quizze	es and review tes	ts, feedback will be	given in cl	ass.							
Course Not	es		1 0 1		-	•• •					
The class m	ay be changed a	ccording to the grad	de of the fi	rst yea	r. Det	ails wi	II be	explained during the guidance,			
so be sure to	b attend the guida	ance.	<u> </u>	•							
Contents of	Class materials	-learning (prepara	tion and r	eview)	41	arr4 a1a	~~				
Preparation:	Class materials	will be given in adv	vance. Prep	are for th	the n	ext cla	ss. d tha	raviaw tasts			
Evoluation	Method (includ	ling evoluation crit	toria)		e quiz	zes an	u uie	Teview tests.			
Quizzes Cl	Ass Participation	etc · 70%	ici ia)								
Review Test	ts: 30%	, etc 7070									
Textbook											
Class mater	ials will be giver	n in class.									
Reference I	Books, Teaching	Materials, etc.									
Bring an En	glish-Japanese d	ictionary.									

Course		English III					OHASHI Yukiko		
Course period	2nd year 1 st semester	Required subject 1 credit	Class format	exercises	Course classificat ion	Li	beral Arts [Language, Information, Sports]		
Objectives									
This class	focuses on im	proving students' Ei	nglish read	ling com	prehension	by ex	xplaining syntax and grammar rules		
using article	s about animals	s. By learning topics	with adva	anced lex	kical items	and e	xpressions, students are expected to		
facilitate the	ir communicati	ve competence by a	oplying wh	nat they l	earn in the	classi	room into practice.		
Lecture Out	tline "English I	IIE"							
The class	will focus on s	yntactic and gramm	atical exer	cises as	well as lan	guage	e activities that will incorporate pair		
work. Stude	nts will learn	more advanced voc	abulary ite	ems and	techniques	thro	ugh rapid reading and engaging in		
communicat	ive activities w	herein their acquired	l knowledg	ge can be	applied.				
Lesson plan	1 1.1	· · · · · · · · · · · · · · · · · · ·							
1 Guidano	ce and read the	introduction of the t	ext.						
2 A real v	vinner part 1 (f	eading and explanat	ions)						
J Riedi V	lated articles or	dog sled races lear	n basic sv	ntax and	avaragion	0			
5 'Zoo dei	ntists' part 1 (re	ading and explanation	n Dasie sy	max and	expression	5.			
6 'Zoo dei	6 'Zoo dentists' part 2 (discussion and explanation)								
7 Read, discuss, and present articles on zoo keepers and zoo dentists.									
8 Review	8 Review of all contents, quiz on syntax and expressions								
9 'Solar C	ooking' part 1 (reading and explana	tions)						
10 Solar C	ooking' part 2 (reading and discussi	on)						
11 Read, d	iscuss, and pres	sent an article on sol	ar power.						
12 'Bird Gi	rl' part 1 (readi	ng and explanation)							
13 'Bird Gi	rl' part 2 (readi	ng and discussion)							
14 Read, d	iscuss, and pres	sent an article related	l to Bird G	irl.					
15 Review	examination								
Feedback of	n assignments	(exams, reports, et	c.)						
All the assig	nments will be	returned to the stude	ents with f	eedback	and comme	nts.			
Course note	S	-							
Students that	t meet the requ	rements may reques	st to chang	ge classes	s. Be sure to	o atte	nd the guidance in which the course		
details will b	e explained.								
Contents of	prior and pos	t-learning (prepara	tion and 1	review)					
Students are	expected to rea	ad related materials b	before clas	ses.					
Review the c	contents of each	n class.							
Evaluation	method (inclue	ding evaluation crit	eria)						
Overall evaluation	uation will be b	based on examination	ns (60%) a	nd class	participatio	n inc	luding assignments (40%).		
Textbook									
Snapshots fr	om the Globe (`	センゲージラーニ	ング)						
Reference b	ooks, teaching	materials, etc.							
Course mate	rials will be dis	stributed in the class	room.						

Course		English III						UETSUKI Keiichiro
Course Period	2 nd year 1 st semester	Required / 1 credit	Class format	exerci ses	Co Class	urse sificati on	Libe	eral arts [Language, Information, Sports]
Objectives				i			i	
At first, the accurate gra each senten speaking." T dictionaries, in the future Lecture Out This class w to acquire p activities. T trainings to practical En activities ba	students should mmar rules and ce) leads to stre They also should The aim of this . The target is ar the aim of this . The target is ar the A and B cour strengthen the aglish proficienc sed on it. In E ar	I understand that "a build up each word engthening the bas recognize the imp class is to reinforce ound 600 points in ax and grammar ex e skills by reviewin se mainly use such four language skill y, the class mainly nd F, you will learn	grammar is l including ics of the ortance of the founda terms of To ercises, and g universit teaching m s through to focus on more adva	bones its orig four la referrin tion for DEIC. d langu y-level naterial the acti acquiri nced vo	and gin. Pa inguag ng to r readi age ad gram s as re ivities ing ac ocabu	vocabu rsing t ge skill English ng and ctivitie mar ru elated t . In C ademic laries a	llary horo ls: "r n enc writ s that les n o and c voc	is bloods" and secondly grasp ughly (analysis and anatomy of reading, writing, listening, and cyclopedias as well as language ing academic English sentences t include pair works. The aim is necessary for practical language imals, and provide the practical D, with the aim of improving cabulary and extensive reading earn accurate and quick reading
techniques.		la i, you will learn	more aava		ocubu	iunes e		can accurate and quick reading
Lesson Plan	1							
 Introduce News S News S News S Review News S News S News S Review News S Review News S Review Review Exercis Exant Feedback on 	ction of a lesson tory 1 New Con tory 2 E-Cigaret tory 3 The Veter (1) tory 4 To the Mo tory 5 Flooding tory 6 Security f (2) tory 7 No Limits tory 8 Paralyzed (3) e for listening— e from Conversa h, b: Total review	model using movie pany te: Partial Ban Bacl an and His Homem oon in Venice rom Above s Cafe Man Walks Again singing a song & T tion to Presentation or and explanation or exams, reports, etc.	es klash hade Toys OEIC LIST h f the exam	TENIN	G PAI	RT		
The process The example	to reach the correct ans	rect answer will be wers and high-rank	, explained ing reports	in detai will de	il and eepen	carefu unders	lly af tandi	ter each answer was submitted.
In the class, with you wh	es you should con ien you attend th	centrate on the task e class. An electror	and active	ely part ry will	icipat do.	e in the	e clas	ss. Please bring your dictionary
Contents of Please try th	Prior and Post-le exercises once	earning (preparati in advance. Make	on and revi sure to men	iew) norize	vocat	oulary,	phras	ses, and model sentences.
Evaluation Comprehens (presentation Textbook 山根繁他編 体 2,700 四	Method (includin sive evaluation ns, submissions, 著『映像で学え	ng evaluation criter will be made as 5 class participation, S ABC ワールド	ria) 50% for exetc.). $= 1 - 7.3$	ams (i 3』(金	includ 星堂、	ing qu 2021	izzes 年)	s) and 50% for normal points ISBN 978-4-7647-4115-7、本
Reference B 『マーフィ 法』Others	(1767) Cooks, Teaching ーのケンブリ、 will be mentione	Materials, etc. ッジ英文法・中級 ed in the class.	編』第 4	版。1	イエス	ペルも	ュン	『対訳エッセンシャルズ英文

Course		English IV						UETSUKI Keiichiro
Course Period	2 nd year 1 st semester	Required / 1 credit	Class format	exerci ses	Co Class	urse ificati on	Libe	eral arts [Language, Information, Sports]
Objectives								
At first, the accurate gra each senten speaking." T dictionaries in the future Lecture Ou This class w to acquire p activities. T trainings to practical Er	students should ammar rules and ce) leads to stra They also should The aim of this The target is ar tline vill focus on synt ractical language he A and B cour strengthen the targets nglish proficienc	I understand that " build up each word engthening the bas I recognize the imp class is to reinforce ound 400 or 500 pc ax and grammar ex e skills by reviewir se mainly use such four language skill y, the class mainly	grammar is l including ics of the ortance of the foundar bints in term ercises, and g universit teaching m s through t y focus on	bones its orig four la referrin tion for ns of T l langu y-level haterial he acti acquiri	and in. Pa inguag ng to l readi OEIC age ac gram s as re ivities ng ac	vocabu rsing t ge skill English ng and ctivitie mar ru elated t . In C ademid	Ilary horo ls: "1 n enc writ s that iles n to and c voc	is bloods" and secondly grasp ughly (analysis and anatomy of reading, writing, listening, and cyclopedias as well as language ing academic English sentences t include pair works. The aim is necessary for practical language imals, and provide the practical D, with the aim of improving cabulary and extensive reading
activities ba	sed on it. In E a	nd F, you will learn	more adva	nced v	ocabu	laries a	and le	earn accurate and quick reading
techniques.		-						
Lesson Plan 1 Introdu 2 UNIT 7 3 UNIT 8 4 UNIT 9 5 Review 6 UNIT 1 7 UNIT 1 8 UNIT 1 9 Review 10 Readin 11 UNIT 1 12 UNIT 1 13 UNIT 1 14 Review 15 a: Exam Feedback of	ction: To master defined and to- defined and to- defined and to- defined and to- defined and to- defined and to- defined and to defined and t	"reading" and "liste infinitive verb error s: Is "narrow" alwa What adverb modif rrors: various comp ive nouns: Becomin rrors: "To" does no 12 1 reposition: grasping egation, etc. ical expression g songs and seeing s v and explanation o exams, reports, etc.	ening" rs: the mear ys narrow? ies the supe parisons ng familiar t always me g time and s some movie f the exam	ing of erlative with re ean "an pace s	"to" i of ad lative d"	n "look jective pronor	c forv s? uns, 1	vard to." relative adverbs, etc.
The exampl Course Note In the class,	es of correct ans es you should con	centrate on the task	and active	will de	icipat	unders	tandi e clas	ss. Please bring your dictionary
Contents of Please try th	Prior and Post-late exercises once	learning (preparati	on and revi sure to mer	iew) norize	vocab	ulary,	phras	ses, and model sentences.
Evaluation Comprehent (presentatio	Method (includi sive evaluation ns, submissions,	ng evaluation crite will be made as f class participation,	ria) 50% for ex etc.).	ams (i	nclud	ing qu	izzes	s) and 50% for normal points
Textbook Haruo KIZU Shoten, 202 Reference F	JKA / Roger NC 1), ¥1,800 + tax, Books, Teaching	DRTHRIDGE『読。 , ISBN 978-4-7553 Materials, etc.	み・書く -0052-3.	英語君	長現の	ポイン	ノト	15 章』(Otowa Shobo Tsurumi
『マーフィ 法』Others	ーのケンブリー will be mention	ッジ英文法・中級 ed in the class.	編』第 4	版。1	´エス	ペルセ	ヹン	『対訳エッセンシャルズ英文

Course		English IV				OHASHI Yukiko
Course period	2nd year, 2 nd semester	Required subject 1 credit	Class format	exerc ises	Course classificat ion	Liberal Arts [Language, Information, Sports]
Objectives				i		i
The goal engaging in the course m	of this class is communicative naterials, studen	to enable students to activities. While re- ts are expected to ga	o apply the viewing the in the abili	basic g e Englis ty to ap	grammar and h grammar ply the skills	d vocabulary learned in English IIIB, by and vocabulary that frequently appear in s they learn into practice on their own.
Lecture Ou	tline "English I	VB"				
To impro- including the wherein stuc	ve their commu e ability to prese lents will learn	unicative competence ent their opinions in F advanced expression	e, students English. Leo is using ani	are ex ctures w mal-rel	pected to ac ill include so ated articles	cquire practical English language skills, entence structure and syntax explanations and literature.
Lesson plan	l					
 Guidand Reading Reading Reading Review Reading Review 	ce (about classe g: 'client commu g: 'client commu g and discussing 1 (review quiz g: 'Veterinary St g and discussion 2 (review quiz Reading Comp for Animal Can for Animal Can for Animal Can and test	s in the second seme unication 1' unication 2' g: 'client communica and explanation) aff: Roles and Respo- aff: Roles and Respo- n 'Veterinary Staff: R and explanation) orehension 1 orehension 2 re 1 (vocabulary and re 2 (pair work and q re 3 (discussion and	ester and re tion' onsibility 1 onsibility 2 oles and Ro expression uiz) presentation	view of ' esponsil ns) n)	the previou	s semester)
Feedback o	n assignments	(exams, reports, etc	2.)	11 1	1	
All the assig	minents will be	returned to the stude	ents with fe	eadack	and commen	nts.
Course note Students tha details will b	es t meet the requi be explained.	irements may reques	t to change	e classes	s. Be sure to	attend the guidance in which the course
Contents of	prior and pos	t-learning (prepara	tion and re	eview)		
Students are Review the	expected to reach	a related materials b	etore class	ses.		
Evaluation	method (includ	ling evaluation crit	eria)			
Overall eval	uation will be b	ased on examination	is (60%) an	nd class	participation	n including assignments (40%).
Textbook					-	
Not specifie	d.					
Reference b	ooks, teaching	materials, etc.				
Course mate	rials will be pro	ovided in a classroon	n.			

Course		EnglishIV						ABE Keiko
Course Period	2nd year 2nd semester	Required subject 1 credit	Class format	exer cises	Con Class 0	urse ificati on		Liberal Arts [Language, Information, Sports]
Objectives								
The goal of	this course is to	enhance more prac	tical Englis	h lang	uage s	kills ba	ased	on what students learned in the
first semeste	er. Students will	improve vocabular	y and com	prehen	ision s	kills b	y rea	ding a variety of English texts
about anima	lls. Audio-visual	materials will also	be used to	develo	p liste	ning ai	nd ra	pid-reading skills.
Lecture Ou	tline							
Students wi	ll read a variety	of newspaper article	es concerni	ng ani	mals s	uch as	dogs	s and panda conservation. They
will answer	comprehension	and grammar quest	tions, and the	ranslat	e the s	entenc	es in	to Japanese. At times, students
will focus of	on important gra	mmar items. Lister	ning and ra	pid-rea	ding	will al	so be	e conducted using audio-visual
materials. E	ach class will ha	ave a quiz on the co	ontent of th	e previ	ious cl	ass. St	uden	ts will take a review test twice
during the s	emester. After qu	izzes and review te	ests, feedba	ck will	be gi	ven in	class	
Lesson Plan	n							
1 Introdu	ction							
2 Chimpa	nzees 1							
3 Chimpa	inzees 2							
4 Chimpa	inzees 3							
5 Beetle	Camera 1							
6 Beetle	Camera 2							
7 Beetle	Camera 3							
8 Review	1							
9 Dog Ye	ars 1							
10 Dog Ye	ars 2							
11 Dog Ye	ars 3							
12 Conserv	vation 1							
13 Conserv	vation 2							
14 Conserv	vation 3							
15 Review	• 2	(
After quizze	es and review tes	(exams, reports, et ts, feedback will be	given in cl	lass.				
			-					
Course Not	es	acording to the area	do of the f	rat trac	r Date		11 ha	avalation during the suider
so be sure to	ay be changed a strend the guida	ance.		rst yea	r. Deta	alls wi	n be	explained during the guidance,
Contents of	Prior and Post	-learning (prepara	ation and r	eview))			
Preparation:	Class materials	will be given in adv	vance. Prep	are for	the ne	ext cla	ss.	
Review: Re	view what you le	earned in class and	be prepared	l for th	e quiz	zes and	d the	review tests.
Evaluation	Method (includ	ling evaluation crit	teria)					
Quizzes, Cla	ass Participation	, etc.: 70%						
Review Test	ts: 30%							
Textbook								
Class mater	ials will be giver	n in class.						
Reference I	Books. Teaching	Materials. etc.						
Bring an En	glish-Japanese d	lictionary.						

Course		EnglishIV						ABE Keiko
Course Period	2nd year 2nd semester	Required subject 1 credit	Class format	exer cises	Cor Class 0	urse ificati n		Liberal Arts [Language, Information, Sports]
Objectives								
The goal of	this course is to	enhance more pract	tical Englis	h lang	uage s	kills b	ased	on what students learned in the
first semeste	er. Students will	improve vocabular	y and com	prehen	sion s	kills b	y rea	ding a variety of English texts
about anima	lls. Audio-visual	materials will also	be used to	develo	p liste	ning ai	nd raj	pid-reading skills.
Lecture Out	tline							
Students wi	ll read a variety	of newspaper article	es concerni	ng ani	mals s	uch as	dogs	s and panda conservation. They
will answer	comprehension	and grammar quest	ions, and ti	ranslate	e the s	entenc	es in	to Japanese. At times, students
will focus of	on important gra	mmar items. Lister	ing and ra	pid-rea	ding	will al	so be	e conducted using audio-visual
materials. E	ach class will ha	ave a quiz on the co	ontent of the	e previ	ous cl	ass. St	uden	ts will take a review test twice
during the s	emester. After qu	izzes and review te	sts, feedba	ck will	be give	ven in	class	
Lesson Plan	n							
1 Introdu	ction							
2 Chimpa	anzees 1							
3 Chimpa	anzees 2							
4 Chimpa	anzees 3							
5 Beetle 0	Camera I							
6 Beetle 0	Camera 2							
/ Beetle (Lamera 3							
9 Dog Ve	ars 1							
10 Dog Ye	ars 2							
10 Dog 10	ars 3							
12 Conserv	vation 1							
13 Conserv	vation 2							
14 Conserv	vation 3							
15 Review	2							
Feedback o	on Assignments	(exams, reports, et	c.)					
After quizze	es and review tes	ts, feedback will be	given in cl	lass.				
Course Not	es				_			
The class m	ay be changed a	ccording to the grad	de of the fi	rst yea	r. Deta	ails wi	ll be	explained during the guidance,
Contents of	f Prior and Post	-learning (prepara	tion and r	eview)				
Preparation:	Class materials	will be given in adv	vance. Pren	are for	the ne	ext cla	SS.	
Review: Re	view what you le	earned in class and	be prepared	l for th	e quiz	zes and	d the	review tests.
Evaluation	Method (includ	ling evaluation crit	teria)		1			
Quizzes, Cla	ass Participation	, etc.: 70%						
Review Test	ts: 30%							
Textbook								
Class mater	ials will be giver	n in class.						
Reference I	Books. Teaching	Materials. etc.						
Bring an En	glish-Japanese d	lictionary.						
L								

Course		English IV						OHASHI Yukiko
Course period	2nd year, 2 nd semester	Required subject 1 credit	Class format	exerc ises	Co class i	ourse sificat on	Lił	peral Arts [Language, Information, Sports]
Objectives				i		-		
The purpo	ose of this class	s is to enable studen	ts to apply	the kno	wled	ge they	acq	uired in English IIIE to writing and
speaking act	ivities. Using v	video clips based on	a theme, th	is class	will	explai	n app	blied vocabulary items, expressions,
and syntax.	Students will be	e able to speak and w	rite origina	l senter	ices u	utilizing	g the	expressions and vocabulary learned
in this cours	e. The final go	al is for students to	acquire adv	anced o	comm	nunicat	ive c	ompetence that will enable them to
provide appr	opriate respons	ses.	-					1
Lecture Ou	tline "English I	VE"						
Students wil	l learn sentence	structure and syntax	using speci	ialized a	nima	al-relate	ed art	icles and literature as input, wherein
they will und	lerstand applied	l lexical items and ex	pressions.	Classro	om ac	ctivitie	s incl	ude listening, dictation, and reading
assignments	mixed with pai	red practice.	1					<i>b, , b</i>
Lesson plan	1	1						
1 'Beagle	Patrol' part 1 (r	eading and explanat	ions)					
2 'Beagle	Patrol' part 2 (r	eading and pair wor	k)					
3 Review	Beagle Patrol a	and quiz.	/					
4 'Polar B	ears in Trouble	part 1 (reading and	explanation	ns)				
5 'Polar B	ears in Trouble	part 2 (reading and	pair work)	,				
6 Review	Polar Bear for	a presentation.	1 /					
7 'Aquarit	um on Wheels'	part 1 (reading and e	explanations	5)				
8 'Aquarit	um on Wheels'	part 2 (reading and p	air work)	,				
9 Watchir	ng videos about	aquarium and discu	ssion					
10 English	Composition 1	(basic English Com	position. Le	earn exp	oressi	ions an	d cor	nposition.)
11 English	Composition 2	(writing opinions)	1	1				
12 English	Composition 3	(write a summary)						
13 English	Composition 4	(read abstract and p	resent opin	ions)				
14 English	Composition 5	(Read an article and	l write a sui	mmary)				
15 Review	(quiz and expla	anation)						
Feedback of	n assignments	(exams, reports, etc	2.)					
All the assig	nments will be	returned with feedba	ack and con	nments.				
Course note	es							
Students that	t meet the requi	irements may reques	st to change	classes	. Be	sure to	atter	nd the guidance in which the course
details will b	e explained.							
Contents of	prior and post	t-learning (prepara	tion and re	eview)				
Students are	expected to rea	d the related materia	als given in	the pre-	vious	class.		
Review the o	contents of each	n class.	U	-				
Evaluation	method (inclue	ding evaluation crit	eria)					
Overall eval	uation will be b	ased on examination	ns (60%) an	d class	partic	cipation	n incl	uding assignments (40%).
Textbook					-			
Snapshots fr	om the Globe (センゲージラーニ	ング)					
Reference h	ooks, teaching	materials. etc.	,					
Course mate	rials will be pro	ovided in a classroon	n.					

Course		English IV						UETSUKI Keiichiro
Course Period	2 nd year 1 st semester	Required / 1 credit	Class format	exerci ses	Co Class	urse sificati on	Libe	eral arts [Language, Information, Sports]
Objectives				i			i	
At first, the	students should	l understand that "	grammar is	bones	and	vocabu	ılary	is bloods" and secondly grasp
accurate gra each sentem speaking." 7 dictionaries in the future	ummar rules and ce) leads to stre They also should The aim of this The target is ar	build up each word engthening the bas I recognize the imp class is to reinforce ound 600 points in	l including ics of the ortance of the foundat terms of TO	its orig four la referrin tion fon DEIC.	gin. Pa inguag ng to l r readi	rsing t ge skill English ng and	horo ls: "1 n enc l writ	ughly (analysis and anatomy of reading, writing, listening, and cyclopedias as well as language ing academic English sentences
Lecture Ou	tline							
This class w to acquire p activities. T trainings to practical Er activities ba techniques.	vill focus on synt ractical language he A and B cour strengthen the aglish proficienc sed on it. In E an	ax and grammar ex e skills by reviewin se mainly use such four language skill y, the class mainly nd F, you will learn	ercises, and ag universit teaching m s through t focus on more adva	l langu y-level aterial he act acquiri nced v	age ac gram s as re ivities ng ac ocabu	ctivitie mar ru elated t . In C ademic laries a	s that les n to and and c voc and le	t include pair works. The aim is necessary for practical language imals, and provide the practical D, with the aim of improving cabulary and extensive reading earn accurate and quick reading
Lesson Plan	1							
 Introdu News S News S News S Review News S News S Review News S Review 	ction of a lesson tory 9 Ending th tory 10 Amazon tory 11 The Chil (1) tory 12 Emerger tory 13 Classic A tory 14 Voluntee (2) tory 15 Justice I es from Converse with using song with TOEIC qu with movies n, b: Total review	model using movie ie War? on the Brink Idren of Syria ncy Business Aid American Cowboy I ers Feeding Those in Department Turmoil ation to Presentation sestions	es Hat n Need I on <u>f the exam</u>					
Feedback of The process The exampl	n Assignments (e to reach the cor es of correct ans	exams, reports, etc. rect answer will be wers and high-rank) explained i ing reports	n deta will de	il and epen	carefu unders	lly af tandi	fter each answer was submitted.
Course Note In the class, with you wh	es you should con nen you attend th	centrate on the task le class. An electror	and active	ly part ry will	icipat do.	e in the	e clas	ss. Please bring your dictionary
Contents of Please try th	Prior and Post-late exercises once	learning (preparati e in advance. Make	on and revi sure to mer	i ew) norize	vocab	oulary,	phras	ses, and model sentences.
Evaluation Comprehen (presentatio Textbook	Method (includi sive evaluation ns, submissions,	ng evaluation criter will be made as 5 class participation,	ria) 50% for ex etc.).	ams (i	nclud	ing qu	izzes	s) and 50% for normal points
山根緊他編 体 2,700 円	⊪者 ∥ 映 像 で 字 ∕ (税別)	S ABC ワールド	<u> ユース 3</u>	金)』	至 室、	2021	年)	ISBN 9/8-4-7647-4115-7、本
Reference E	Books, Teaching ーのケンブリ	Materials, etc. ッジ英文法・中級	編』第 4	版。1	イエス	ペルも	ュン	『対訳エッセンシャルズ英文
[法]] Others	will be mention	ed in the class.						

Course Period 1st year 2nd senseter Electives 2 credits Class format Let ure Course Classificati ure Liberal Arts [Language, Information, Sports] Objectives This course aims to be able to listen, read, write and speak, and understand elementary expressions in French. Specifically, students will understand the basic grammar for greetings and elementary conversational expressions, and acquire the ability to respond in very simple ways. This class will also provide an opportunity to become familiar with French cluture and customs. Students will learn about how to get cross-cultural communication, through learning French language and their thinking. Lecture Outline To acquire basic French language skills (reading, writing, listening, speaking). Repeatedly practice pronunciation to become familiar with the unique sounds of the French language. In addition, students will acquire basic knowledge of vocabulary and French grammar to understand the structure of sentences. Through "French expressions and phrases", students will acquire practical French language skills for various situations. And they can also experience the joy of French language. 1 Class guidance (French greeting and alphabets) 2 "Say the name" (subject personal pronoun, 1" group regular verb ("verb -er")) 3 "Say your nationality (noun gender and number, verb être) 4 Pronunciation (liaison, enchaînement, elision) 5 "As ak hoat your hobbies" (question, answers to questions, interrogative adjectives) 9 "Ask what you want to do" (contractions of prepositions and definite articles, indicative adjectives) 10 "To indicate a place" (expres	Course	Fr	ench Basic Cou	irse					SHIRAKAWA Rie	
Objectives This course aims to be able to listen, read, write and speak, and understand elementary expressions in French. Specifically, students will understand the basic grammar for greetings and elementary conversational expressions, and acquire the ability to respond in very simple ways. This class will also provide an opportunity to become familiar with French culture and customs. Students will learn about how to get cross-cultural communication, through learning French language and their thinking. Lecture Outline To acquire basic French language skills (reading, writing, listening, speaking). Repeatedly practice pronunciation to become familiar with the unique sounds of the French language. In addition, students will learn basic knowledge of vocabulary and French grammar to understand the structure of sentences. Through "French expressions and phrases", students will acquire practical French language skills for various situations. And they can also experience the joy of French language. Occasionally. we will introduce French culture, for example, songs, movies, etc. And there, we can touch on the "essence?" of France as center of Western culture for long time. Tesson Plan 1 Class guidance (French greeting and alphabets) 2 "Say the name" (subject personal pronoun, 1" group regular verb ("verb -er")) 3 "Say your nationality (noun gender and number, verb étre) 4 Pronunciation (liaison, enchaîtmennt, élision) 5 "Say the occupation" (gender and number, verb étre) 7 "Tak about your hobbies" (question, answers to questions, interrogative adjectives) 8 "Ask who" (answer to ne gative sen	Course Period	1st year 2nd semester	1st year 2nd semesterElectives 2 creditsClass formatLect ureCourse Classificati onLiberal Arts [Language, Information, Sports]							
This course aims to be able to listen, read, write and speak, and understand elementary expressions in French. Specifically, students will understand the basic grammar for greetings and elementary conversational expressions, and acquire the ability to respond in very simple ways. This class will also provide an opportunity to become familiar with French culture and customs. Students will learn about how to get cross-cultural communication, through learning French language and their thinking. Lecture Outline To acquire basic French language skills (reading, writing, listening, speaking). Repeatedly practice pronunciation to become familiar with the unique sounds of the French language. In addition, students will learn basic knowledge of vocabulary and French grammar to understand the structure of sentences. Through "French expressions and phrases", students will acquire practical French language skills for various situations. And they can also experience the joy of French language. Occasionally, we will introduce French culture, for example, songs, movies, etc. And there, we can touch on the "essence" of France as center of Western culture for long time. Lesson Plan 1 Class guidance (French greeting and alphabets) 2 "Say the name" (subject personal pronoun, 1 st group regular verb ("verb -er")) 3 "Say your nationality (noun gender and number, verb être) 4 Pronunciation (liaison, enchârmenne, dision) 5 "Toak for something" (expressions of presentation "c est", article, verb avoir) 7 "Talk about your hobbies" (question, answers to questions, interrogative adjectives) 8 "Ask who" (answer to negative sentences, negative questions) 9 "Ask why you want to do" (contractions of prepositions and definite articles, indicative adjectives) 10 Mid-term summary (review and feedback on previous activities, French culture) 11 "To indicate a place" (expressions of presentation "it ya", preposition indicating a place) 12 "To say where you live" (intensified personal pronoun, verb faire) 14	Objectives		L				-			
Specifically, students will understand the basic grammar for greetings and elementary conversational expressions, and acquire the ability to respond in very simple ways. This class will also provide an opportunity to become familiar with French culture and customs. Students will learn about how to get cross-cultural communication, through learning French language and their thinking. Lecture Outline To acquire basic French language skills (reading, writing, listening, speaking). Repeatedly practice pronunciation to become familiar with the unique sounds of the French language. In addition, students will learn basic knowledge of vocabulary and French grammar to understand the structure of sentences. Through "French expressions and phrases", students will acquire practical French language skills for various situations. And they can also experience the joy of French language. Occasionally, we will introduce French culture, for example, songs, movies, etc. And there, we can touch on the "essence" of France as center of Western culture for long time. Lesson Plan I Class guidance (French greeting and alphabets) 2 "Say the anne" (subject personal pronoun, 1" group regular verb ("verb -er")) 3 "Say your nationality (noun gender and number, verb être) 4 Pronunciation (liaison, enchaînement, elision) 5 "Say the occupation" (gender and number of adjectives, position of adjectives) 8 "Ask who" (answer to negative sentences, negative questions) 9 "Ask what you want to do" (contractions of presentation "cest,", article, verb avoir) 7 "Talk about your hobbies" (question, answers to questions, interrogrative adjectives) 10 Mid-term summary (review and feedback on previous activities, French culture) 11 "To indicate a place" (expressions of presentation "il y a", arposition indicating a place) 12 "To say where you live" (intensified personal pronoun, possessive adjective, verb connaître) 13 "Asking what you are doing" (interrogative pronoun, neosessive adjective, verb connaître) 13 "Taska your age" (interrogative p	This cour	se aims to be ab	ole to listen, read, w	rite and sp	eak, ar	nd und	lerstand	d elei	mentary expressions in French.	
and acquire the ability to respond in very simple ways. This class will also provide an opportunity to become familiar with French culture and customs. Students will learn about how to get cross-cultural communication, through learning French language and their thinking. Lecture Outline To acquire basic French language skills (reading, writing, listening, speaking). Repeatedly practice pronunciation to become familiar with the unique sounds of the French language. In addition, students will learn basic knowledge of vocabulary and French grammar to understand the structure of sentences. Through "French expressions and phrases", students will acquire practical French language skills for various situations. And they can also experience the joy of French language. Occasionally, we will introduce French culture, for example, songs, movies, etc. And there, we can touch on the "essence" of France as center of Western culture for long time. Lesson Plan 1 Class guidance (French greeting and alphabets) 2 "Say the name" (subject personal pronoun, 1 ⁴ group regular verb ("verb -er")) 3 "Say your nationality (noun gender and number, verb être) 4 Pronunciation (liaison, enchainement, elision) 5 "Say the occupation" (gender and number of adjectives, position of adjectives) 6 "To ak for something" (expressions of presentation "c'est", article, verb avoir) 7 "Talk about your hobbies" (question, answers to questions, interrogative adjectives) 8 "Ask what you want to do" (contractions of prepositions and definite articles, indicative adjectives) 10 Mid-term summary (review and feedback on previous activities, French culture) 11 "To indicate a place" (expressions of presentation") 12 "To say where you live" (intensified personal pronoun, possessive adjective, verb connaître) 13 "Asking what you are doing" (interrogative pronoun, possessive adjective, verb connaître) 14 "Say your age" (interrogative averh, numeral) 15 Final summary (review and feedback, final exam) Feedback on Assignments (exams, re	Specifically	students will understand the basic grammar for greetings and elementary conversational expressions,								
This class will also provide an opportunity to become familiar with French culture and customs. Students will learn about how to get cross-cultural communication, through learning French language and their thinking. Lecture Outline To acquire basic French language skills (reading, writing, listening, speaking). Repeatedly practice pronunciation to become familiar with the unique sounds of the French language. In addition, students will learn basic knowledge of vocabulary and French grammar to understand the structure of sentences. Through "French expressions and phrases", students will acquire practical French language skills for various situations. And they can also experience the joy of France as center of Western culture, for example, songs, movies, etc. And there, we can touch on the "essence" of France as center of Western culture for long time. Lesson Plan 1 Class guidance (French greeting and alphabets) 2 "Say the name" (subject personal pronoun, 1 ^g group regular verb ("verb -er")) 3 "Say your nationality (noun gender and number, verb être) 4 Pronunciation (liaison, enchaînement, élision) 5 "Say the occupation" (gender and number of adjectives, position of adjectives) 6 "To ask for something" (expressions of presentation "c'est", article, verb avoir) 7 "Talk about your hobbies" (question, answers to questions, interrogative adjectives) 8 "Ask who" (answer to negative sentences, negative questions) 9 "Ask what you want to do" (contractions of prepositions activities, French culture) 11 "To indicate a place" (expressions of presentation "il y a", preposition indicating a place) 12 "To say where you live" (intensified personal pronoun, verb faire) 13 "Asking what you are doing" (interrogative panoun, weth faire) 14 "Say your age" (interrogative adverb, numeral) 15 Final summary (review and feedback, numeral) 15 Final summary (review and feedback, numeral) 15 To indicate a placer (expressions of presentation "il y a", preposition indicating a place) 17 To asy wherer	and acquire	the ability to respond in very simple ways.								
learn about how to get cross-cultural communication, through learning French language and their thinking. Lecture Outline To acquire basic French language skills (reading, writing, listening, speaking). Repeatedly practice pronunciation to become familiar with the unique sounds of the French language. In addition, students will learn basic knowledge of vocabulary and French grammar to understand the structure of sentences. Through "French expressions and phrases", students will acquire practical French language skills for various situations. And they can also experience the joy of French language. Occasionally, we will introduce French culture for long time. Lesson Plan 1 Class guidance (French greeting and alphabets) 2 "Say the name" (subject personal pronoun, 1" group regular verb ("verb -er")) 3 "Say your nationality (noun gender and number, verb être) 4 Pronunciation (liaison, enchainement, elision) 5 "Say the oaccupation" (gender and number of adjectives, position of adjectives) 6 "To ask for something" (expressions of presentation "c est", article, verb avoir) 7 "Talk about your hobbies" (question, answers to questions, interrogative adjectives) 8 "Ask who" (answer to negative sentences, negative questions) 9 "Ack what you want to do" (contractions of prepositions and definite articles, indicative adjectives) 10 Mid-term summary (review and feedback on previous activities, French culture) 11 "To indicate a place" (expressions of presentation "il y a", preposition indicating a place) 12 "To say where you live" (intensified personal pronoun, verb faire) 4 "Say your age" (interrogative adverb, numeral) 15 Final summary (review and feedback, final exam) Feedback on Assignments (exams, Frepres, etc.) At the mid-term and the end of the term, students will be checked on their achievement of the assignments, and feedback and explanations will be given. Course Notes Late arrivals and absences will be assessed, so please be careful. Do not neglect your preparation and revie	This class	ss will also provide an opportunity to become familiar with French culture and customs. Students will								
Lecture Outline To acquire basic French language skills (reading, writing, listening, speaking). Repeatedly practice pronunciation to become familiar with the unique sounds of the French language. In addition, students will learn basic knowledge of vocabulary and French grammar to understand the structure of sentences. Through "French expressions and phrases", students will acquire practical French language skills for various situations. And they can also experience the joy of French language. Occasionally, we will introduce French culture for example, songs, movies, etc. And there, we can touch on the "essence" of France as center of Western culture for long time. Lesson Plan 1 Class guidance (French greeting and alphabets) 2 "Say the name" (subject personal pronoun, 1 st group regular verb ("verb -er")) 3 "Say your nationality (noun gender and number, verb être) 4 Pronunciation (laison, enchaînement, dision) 5 "Say the occupation" (gender and number of adjectives, position of adjectives) 6 "To ask for something" (expressions of presentation "c est", article, verb avoir) 7 "Talk about your hobies" (question, answers to questions, interrogative adjectives) 8 "Ask who" (answer to negative sentences, negative questions) 9 "Ask what you want to do" (contractions of prepositions and definite articles, indicative adjectives) 10 Mid-term summary (review and feedback on previous activities, French culture) 11 "To indicate a place" (expressions of presentation "il y a", preposition indicating a place) 12 "To say where you live" (intensified personal pronoun, possesive adjective, verb connaître) 13 "Asking what you are doing" (interogative pronoun, verb faire) 14 "Say your age" (interrogative adverb, numeral) 15 Final summary (review and feedback, final exam) Feedback on Assignments (exams, reports, etc.) At the mid-term and the end of the term, students will be checked on their achievement of the assignments, and feedback and absences will be assessed, so please be careful. Do not neglect your preparation an	learn about	t how to get cross-cultural communication, through learning French language and their thinking.								
To acquire basic French language skills (reading, writing, listening, speaking). Repeatedly practice pronunciation to become familiar with the unique sounds of the French language. In addition, students will learn basic knowledge of vocabulary and French grammar to understand the structure of sentences. Through "French expressions and phrases", students will acquire practical French language skills for various situations. And they can also experience the joy of French language. Occasionally, we will introduce French culture for long time. Lesson Plan 1 Class guidance (French greeting and alphabets) 2 "Say the name" (subject personal pronoun, 1" group regular verb ("verb -er")) 3 "Say your nationality (noun gender and number, verb être) 4 Pronunciation (laison, enchânement, dision) 5 "Say the occupation" (gender and number, verb être) 4 Pronunciation (laison, enchânement, dision) 5 "Say the occupation" (gender and number of adjectives, position of adjectives) 6 "To ask for something" (expressions of presentation "c'est", article, verb avoir) 7 "Talk about your hobbies" (question, answers to questions, interrogative adjectives) 8 "Ask who? (answer to negative sentences, negative questions) 9 "Ask what you want to do" (contractions of prepositions and definite articles, indicative adjectives) 10 Mid-term summary (review and feedback on previous activities, French culture) 11 "To indicate a place" (expressions of presentation "il y a", preposition indicating a place) 12 "To say where you live" (internsfied personal pronoun, verb faire) 14 "Say your age" (interrogative adverb, numeral) 15 Final summary (review and feedback, final exam) Feedback on Assignments (exams, reports, etc.) At the mid-term and the end of the term, students will be checked on their achievement of the assignments, and feedback and explanations will be given. Contex Notes Do not neglect your preparation and review. Contex Notes 10 Atta should prepare a French-Japanese dictionary for preparation and review. Contex Notes 10 At	Lecture Ou	Dutline								
to become familiar with the understand the French language. In addition, students with team basic howledge of vocabulary and French argurage. In understand the structure of sentences. Through "French expressions and phrases", students will acquire practical French language skills for various situations. And they can also experience the joy of French language. Occasionally, we will introduce French culture, for example, songs, movies, etc. And there, we can touch on the "essence" of France as center of Western culture for long time. Lesson Plan 1 1 Class guidance (French greeting and alphabets) 2 2 "Say the name" (subject personal pronoun, 1 st group regular verb ("verb -er")) 3 "Say your nationality (noun gender and number, verb être) 4 Pronunciation (liaison, enchaftnement, élision) 5 "Say the occupation" (gender and number of adjectives, position of adjectives) 6 "To ask for something" (expressions of presentation "ciest, article, verb avoir) 7 "Talk about your hobbies" (question, answers to questions, interrogative adjectives) 8 "Ask who" (answer to negative sentences, negative questions) 9 "Ask what you want to do" (contractions of prepositions and definite articles, indicative adjectives) 10 Mid-term summary (review and feedback on previous activities, French culture) 11 "To indicate a place" (expressions of presentation "ill y a", preposition indicating a place)	To acquir	e basic French la	nguage skills (readi	ng, writing, Eron ab 1ar	listen	ing, sp	eaking). Re	peatedly practice pronunciation	
bi Vocabulary and French grammar to finderstand the structure of senerices. Innough French expressions and phrases", students will acquire practical French language skills for various situations. And they can also experience the joy of French language. Occasionally, we will introduce French culture for long time. Lesson Plan 1 Class guidance (French greeting and alphabets) 2 "Say the name" (subject personal pronoun, 1 st group regular verb ("verb -er")) 3 "Say your nationality (noun gender and number, verb être) 4 Pronunciation (liaison, enchaînement, élision) 5 "Say the occupation" (gender and number of adjectives, position of adjectives) 6 "To ask for something" (expressions of presentation "c'est", article, verb avoir) 7 "Talk about your hobbies" (question, answers to questions, interrogative adjectives) 8 "Ask what you want to do" (contractions of prepositions and definite articles, indicative adjectives) 10 Mid-term summary (review and feedback on previous activities, French culture) 11 "To indicate a place" (expressions of presentation "il ya", preposition indicating a place) 12 "To say where you live" (internsfied personal pronoun, possessive adjective, verb connaître) 13 "Asking what you are doing" (interrogative pronoun, verb faire) 14 "Say your age" (interrogative advech, numeral) 15 Final summary (review and feedback, final exam) Feedback on Assignments (exams, reports, etc.) At the mid-term and the end of the term, students will be checked on their achievement of the assignments, and feedback and explanations will be given. Contents of Prior and Post-learning (preparation and review) Prior learning : Solve the practice exercises in the textbook given in prior class. Post-learns in Quest-learning (preparation and review) Prior learning : Solve the practice exercises in the textbook given in prior class. Post-leason study : Review what you learned in class and memorize the conjugations of verbs and the vocabularies. Evaluation Method (including evaluation criteria)	to become is	amiliar with the u	unique sounds of the	e French lar	iguage	e. In ac	idition,	stud	ents will learn basic knowledge	
pinases , students will acquire practical relation language skins for various studentions. And they can also experience the joy of French language. Occasionally, we will introduce French culture for long time. Lesson Plan 1 Class guidance (French greeting and alphabets) 2 "Say the name" (subject personal pronoun, 1″ group regular verb ("verb -er")) 3 "Say your nationality (noun gender and number, verb être) 4 Pronunciation (liaison, enchaînement, élision) 5 "Say the occupation" (gender and number of adjectives, position of adjectives) 6 "To ask for something" (expressions of presentation "ciest", article, verb avoir) 7 "Talk about your hobbies" (question, answers to questions, interrogative adjectives) 8 "Ask who" (answer to negative sentences, negative questions) 9 "Ask what you want to do" (contractions of prepositions and definite articles, indicative adjectives) 10 Mid-term summary (review and feedback on previous activities, French culture) 11 "To indicate a place" (expressions of presentation "it y a", preposition indicating a place) 12 "To say where you live" (intensified personal pronoun, possessive adjective, verb connaître) 13 "Asking what you are doing" (interrogative pronoun, verb faire) 14 "Say your age" (interrogative adverb, numeral) 15 Final summary (review and feedback, final exam) Feedback and explanations will be given. Course Notes Late arrivals and absences will be assessed, so please be careful. Do not neglect your preparation and review. Courtens of Prior and Post-learning (preparation and review) Prior learning: Solve the practice exercises in the textbook given in prior class. Post-lesson study : Review what you leared in class and memorize the conjugations of verbs and the vocabularies. Evaluation Method (including evaluation criteria) Class participation (30%), completion of mid-term and final assignments (20%), final exam (50%) Evaluation Will be based on a totally consideration of the above. Evaluation Method (including evaluation c	of vocabula	ry and French g	rammar to underst	longuago el	icture	of set	nences	. Ini	And they can also experience	
Bit Joy Or Freinangunge: Occasionally, we will introduce French culture, for example, songs, movies, etc. And there, we can touch on the "essence" of France as center of Western culture for long time. Lesson Plan 1 Class guidance (French greeting and alphabets) 2 "Say the name" (subject personal pronoun, 1 st group regular verb ("verb -er")) 3 "Say your nationality (noun gender and number, verb être) 4 Pronunciation (liaison, enchaînement, flision) 5 "Say the occupation" (gender and number of adjectives, position of adjectives) 6 "To ask for something" (expressions of presentation "c' est", article, verb avoir) 7 "Talk about your hobbies" (question, answers to questions, interrogative adjectives) 8 "Ask who" (answer to negative sentences, negative questions) 9 "Ask what you want to do" (contractions of prepositions and definite articles, indicative adjectives) 10 Mid-term summary (review and feedback on previous activities, French culture) 11 "To indicate a place" (expressions of presentation "il y a", preposition indicating a place) 12 "To asy where you live" (internogative pronoun, verb faire) 13 "Asking what you are doing" (interrogative pronoun, verb faire) 14 "Say your age" (interrogative adverb, numeral) <	the joy of F	rench language	ne practical Pienen	language si		i vano	Jus situ	ation	is. And they can also experience	
 "essence" of France as center of Western culture for long time. Lesson Plan Class guidance (French greeting and alphabets) "Say your nationality (noun gender and number, verb être) "Pronunciation (liaison, enchaînement, élision) "Say the name" (subject personal pronoun, 1st group regular verb ("verb -er")) "Say the occupation" (gender and number of adjectives, position of adjectives) "To ask for something" (expressions of presentation "c'est", article, verb avoir) "Talk about your hobbies" (question, answers to questions, interrogative adjectives) "Ask who" (answer to negative guestions) "Ask who" (answer to negative sentences, negative questions) "Ask what you want to do" (contractions of prepositions and definite articles, indicative adjectives) "To indicate a place" (expressions of presentation "il y a", preposition indicating a place) "To indicate a place" (interrogative pronoun, possessive adjective, verb connaître) "Asking what you are doing" (interrogative pronoun, neossessive adjective, verb connaître) "Say your age" (interrogative adverb, numeral) Final summary (review and feedback, final exam) Feedback on Assignments (exams, reports, etc.) At the mid-term and the end of the term, students will be checked on their achievement of the assignments, and feedback and explanations will be given. Course Notes Late arrivals and absences will be assessed, so please be careful. Do not neglect your preparation and review. Students should prepare a French-Japanese dictionary for preparation and review. Content	Occasion	ally we will intro	oduce French cultur	re for exam	nle so	ongs i	novies	etc	And there we can touch on the	
Lesson Plan 1 Class guidance (French greeting and alphabets) 2 "Say the name" (subject personal pronoun, 1st group regular verb ("verb -er")) 3 "Say your nationality (noun gender and number, verb être) 4 Pronunciation (liaison, enchaînement, élision) 5 "Say the occupation" (gender and number of adjectives, position of adjectives) 6 "To ask for something" (expressions of presentation "c'est", article, verb avoir) 7 "Talk about your hobbies" (question, answers to questions, interrogative adjectives) 8 "Ask who" (answer to negative sentences, negative questions) 9 "Ask what you want to do" (contractions of prepositions and definite articles, indicative adjectives) 10 Mid-term summary (review and feedback on previous activities, French culture) 11 "To indicate a place" (expressions of presentation "il y a", preposition indicating a place) 12 "To say where you live" (internogative adverb, numeral) 15 Final summary (review and feedback, final exam) Feedback on Assignments (exams, reports, etc.) At the mid-term and the end of the term, students will be checked on their achievement of the assignments, and feedback and explanations will be given. Course Notes Late arrivals and absences will be assessed, so please be careful. Do not neglect your preparation and review. Students should prepare a French-Japanese dictionary for preparation and review	"essence" o	f France as cente	er of Western cultur	e for long ti	me.	, ingo, i	110 1105	, etc.	The more, we can touch on the	
1 Class guidance (French greeting and alphabets) 2 "Say the name" (subject personal pronoun, 1s" group regular verb ("verb -er")) 3 "Say your nationality (noun gender and number, verb être) 4 Pronunciation (liaison, enchaînement, elision) 5 "Say the occupation" (gender and number of adjectives, position of adjectives) 6 "To ask for something" (expressions of presentation "c' est", article, verb avoir) 7 "Talk about your hobbies" (guestion, answers to questions, interrogative adjectives) 8 "Ask who" (answer to negative sentences, negative questions) 9 "Ask what you want to do" (contractions of prepositions and definite articles, indicative adjectives) 10 Mid-term summary (review and feedback on previous activities, French culture) 11 "To indicate a place" (expressions of presentation "il y a", preposition indicating a place) 12 "To say where you live" (interrogative pronoun, possessive adjective, verb connaître) 13 "Asking what you are doing" (interrogative pronoun, verb faire) 14 "Say your age" (interrogative adverb, numeral) 15 Final summary (review and feedback, final exam) Feedback on Assignments (exams, reports, etc.) At the mid-term and the end of the term, students will be checked on their achievement of the assignments, and feed	Lesson Plan	1		0						
 2 "Say the name" (subject personal pronoun, 1st group regular verb ("verb -er")) 3 "Say your nationality (noun gender and number, verb être) 4 Pronunciation (liaison, enchaînement, élision) 5 "Say the occupation" (gender and number of adjectives, position of adjectives) 6 "To ask for something" (expressions of presentation "c'est", article, verb avoir) 7 "Talk about your hobbies" (question, answers to questions, interrogative adjectives) 8 "Ask who" (answer to negative sentences, negative questions) 9 "Ask what you want to do" (contractions of prepositions and definite articles, indicative adjectives) 10 Mid-term summary (review and feedback on previous activities, French culture) 11 "To indicate a place" (expressions of presentation "il y a", preposition indicating a place) 12 "To say where you live" (internified personal pronoun, verb faire) 13 "Asking what you are doing" (interrogative pronoun, verb faire) 14 "Say your age" (interrogative adverb, numeral) 15 Final summary (review and feedback, final exam) Feedback on Assignments (exams, reports, etc.) At the mid-term and the end of the term, students will be checked on their achievement of the assignments, and feedback and explanations will be given. Course Notes Late arrivals and absences will be assessed, so please be careful. Do not neglect your preparation and review. Students should prepare a French-Japanese dictionary for preparation and review. Contents of Prior and Post-learning (preparation and review) Prior learning : Solve the practice exercises in the textbook given in prior class. Post-lesson study : Review what you learned in class and memorize the conjugations of verbs and the vocabularies. Evaluation Method (including evaluation criteria) Class participation (30%), completion of mid-term and final assignments	1 Class g	uidance (French	greeting and alphal	oets)						
 3 "Say your nationality (noun gender and number, verb être) 4 Pronunciation (liaison, enchaînement, élision) 5 "Say the occupation" (gender and number of adjectives, position of adjectives) 6 "To ask for something" (expressions of presentation "c'est", article, verb avoir) 7 "Talk about your hobbies" (question, answers to questions, interrogative adjectives) 8 "Ask who" (answer to negative sentences, negative questions) 9 "Ask what you want to do" (contractions of prepositions and definite articles, indicative adjectives) 10 Mid-term summary (review and feedback on previous activities, French culture) 11 "To indicate a place" (expressions of presentation "Il y a", preposition indicating a place) 12 "To say where you live" (internogative pronoun, possessive adjective, verb connaître) 13 "Asking what you are doing" (interrogative pronoun, verb faire) 14 "Say your age" (interrogative adverb, numeral) 15 Final summary (review and feedback, final exam) Feedback on Assignments (exams, reports, etc.) At the mid-term and the end of the term, students will be checked on their achievement of the assignments, and feedback and explanations will be given. Course Notes Late arrivals and absences will be assessed, so please be careful. Do not neglect your preparation and review. Students should prepare a French-Japanese dictionary for preparation and review. Contents of Prior and Post-learning (preparation and review) Prior learning : Solve the practice exercises in the textbook given in prior class. Post-lesson study : Review what you learned in class and memorize the conjugations of verbs and the vocabularies. Evaluation Method (including evaluation criteria) Class participation (30%), completion of mid-term and final assignments (20%), final exam (50%) Evaluation will be based on a totally co	2 "Say th	e name" (subject	t personal pronoun,	1 st group re	egular	verb ("verb -	er"))		
 4 Pronunciation (liaison, enchaînement, élision) 5 "Say the occupation" (gender and number of adjectives, position of adjectives) 6 "To ask for something" (expressions of presentation "c'est", article, verb avoir) 7 "Talk about your hobbies" (question, answers to questions, interrogative adjectives) 8 "Ask who" (answer to negative sentences, negative questions) 9 "Ask what you want to do" (contractions of prepositions and definite articles, indicative adjectives) 10 Mid-term summary (review and feedback on previous activities, French culture) 11 "To indicate a place" (expressions of presentation "il y a", preposition indicating a place) 12 "To say where you live" (intensified personal pronoun, possessive adjective, verb connaître) 13 "Asking what you are doing" (interrogative pronoun, verb faire) 14 "Say your age" (interrogative adverb, numeral) 15 Final summary (review and feedback, final exam) Feedback on Assignments (exams, reports, etc.) At the mid-term and the end of the term, students will be checked on their achievement of the assignments, and feedback and explanations will be given. Course Notes Late arrivals and absences will be assessed, so please be careful. Do not neglect your preparation and review. Students should prepare a French-Japanese dictionary for preparation and review. Contents of Prior and Post-learning (preparation and review) Prior learning : Solve the practice exercises in the textbook given in prior class. Post-lesson study : Review what you learned in class and memorize the conjugations of verbs and the vocabularies. Evaluation Method (including evaluation criteria) Class participation (30%), completion of mid-term and final assignments (20%), final exam (50%) Evaluation will be based on a totally consideration of the above. Textbook T/x J L ·	3 "Say yo	our nationality (n	oun gender and nur	mber, verb é	être)					
 5 "Say the occupation" (gender and number of adjectives, position of adjectives) 6 "To ask for something" (expressions of presentation "c'est", article, verb avoir) 7 "Talk about your hobbies" (question, answers to questions, interrogative adjectives) 8 "Ask who" (answer to negative sentences, negative questions) 9 "Ask what you want to do" (contractions of prepositions and definite articles, indicative adjectives) 10 Mid-term summary (review and feedback on previous activities, French culture) 11 "To indicate a place" (expressions of presentation "il y a", preposition indicating a place) 12 "To say where you live" (intensified personal pronoun, possessive adjective, verb connaître) 13 "Asking what you are doing" (interrogative pronoun, verb faire) 14 "Say your age" (interrogative adverb, numeral) 15 Final summary (review and feedback, final exam) Feedback on Assignments (exams, reports, etc.) At the mid-term and the end of the term, students will be checked on their achievement of the assignments, and feedback and explanations will be given. Course Notes Late arrivals and absences will be assessed, so please be careful. Do not neglect your preparation and review. Students should prepare a French-Japanese dictionary for preparation and review. Contents of Prior and Post-learning (preparation and review) Prior learning : Solve the practice exercises in the textbook given in prior class. Post-leason study : Review what you learned in class and memorize the conjugations of verbs and the vocabularies. Evaluation Method (including evaluation criteria) Class participation (30%), completion of mid-term and final assignments (20%), final exam (50%) Evaluation will be based on a totally consideration of the above. Textbook [\nabla \substack], \nubstack], \nubstack], \nubstack], \nubstack],	4 Pronun	ciation (liaison, e	enchaînement, élisio	on)						
6 "To ask for something" (expressions of presentation "c'est", article, verb avoir) 7 "Talk about your hobbies" (question, answers to questions, interrogative adjectives) 8 "Ask who" (answer to negative sentences, negative questions) 9 "Ask what you want to do" (contractions of prepositions and definite articles, indicative adjectives) 10 Mid-term summary (review and feedback on previous activities, French culture) 11 "To indicate a place" (expressions of presentation "il y a", preposition indicating a place) 12 "To say where you live" (internogative pronoun, possessive adjective, verb connaître) 13 "Asking what you are doing" (interrogative pronoun, verb faire) 14 "Say your age" (interrogative adverb, numeral) 15 Final summary (review and feedback, final exam) Feedback on Assignments (exams, reports, etc.) At the mid-term and the end of the term, students will be checked on their achievement of the assignments, and feedback and explanations will be given. Course Notes Late arrivals and absences will be assessed, so please be careful. Do not neglect your preparation and review. Students should prepare a French-Japanese dictionary for preparation and review. Contents of Prior and Post-learning (preparation and review) Prior learning : Solve the practice exercises in the textbook given in prior class. Post-lesson study : Review what you learned in class and memorize the conjugations of verbs and the vocabularies. Evaluation Method (including evaluation criteria) Class participation (30%), completion of mid-term and final assignments (20%), final exam (50%) Evaluation will be based on a totally consideration of the above. Textbook [$パス \pi \mathcal{N} + \vec{J} \cdot \vec{v} + \vec{x} \vee $] 白水社、藤田裕二著 Reference Books, Teaching Materials, etc. French-Japanese dictionary will be explained in class guidance at the beginning of the semester. Froe Xample : Casio EX-word (電子辞書), $\mu \eta thr L$ Ant中辞典 (旺文社), $\eta z \eta r$ LAnt种辞具 (王省堂) etc.	5 "Say th	e occupation" (g	ender and number of	of adjective	s, posi	tion o	f adjec	tives)	
 7 "Talk about your hobbles" (question, answers to questions, interrogative adjectives) 8 "Ask who" (answer to negative sentences, negative questions) 9 "Ask what you want to do" (contractions of prepositions and definite articles, indicative adjectives) 10 Mid-term summary (review and feedback on previous activities, French culture) 11 "To indicate a place" (expressions of presentation "il y a", preposition indicating a place) 12 "To say where you live" (intensified personal pronoun, possessive adjective, verb connaître) 13 "Asking what you are doing" (interrogative pronoun, verb faire) 14 "Say your age" (interrogative adverb, numeral) 15 Final summary (review and feedback, final exam) Feedback on Assignments (exams, reports, etc.) At the mid-term and the end of the term, students will be checked on their achievement of the assignments, and feedback and explanations will be given. Course Notes Late arrivals and absences will be assessed, so please be careful. Do not neglect your preparation and review. Students should prepare a French-Japanese dictionary for preparation and review. Contents of Prior and Post-learning (preparation and review) Prior learning : Solve the practice exercises in the textbook given in prior class. Post-leason study : Review what you learned in class and memorize the conjugations of verbs and the vocabularies. Evaluation Wethod (including evaluation criteria) Class participation (30%), completion of mid-term and final assignments (20%), final exam (50%) Evaluation will be based on a totally consideration of the above. Textbook [riスカル・オ・ジャポン] 白水社、藤田裕二著 Reference Books, Teaching Materials, etc. French-Japanese dictionary will be explained in class guidance at the beginning of the semester. For example : Casio EX-word (電子辞書), ッワイヤム和中辞典 (旺文社), 757>公和和辞書)	6 "To ask	for something"	(expressions of pre	sentation "c	e'est	.", art	icle, ve	erb av	voir)	
8 "Ask who" (answer to negative sentences, negative questions) 9 "Ask what you want to do" (contractions of prepositions and definite articles, indicative adjectives) 10 Mid-term summary (review and feedback on previous activities, French culture) 11 "To indicate a place" (expressions of presentation "il y a", preposition indicating a place) 12 "To say where you live" (intensified personal pronoun, possessive adjective, verb connaître) 13 "Asking what you are doing" (interrogative pronoun, verb faire) 14 "Say your age" (interrogative adverb, numeral) 15 Final summary (review and feedback, final exam) Feedback on Assignments (exams, reports, etc.) At the mid-term and the end of the term, students will be checked on their achievement of the assignments, and feedback and explanations will be given. Course Notes Late arrivals and absences will be assessed, so please be careful. Do not neglect your preparation and review. Students should prepare a French-Japanese dictionary for preparation and review. Contents of Prior and Post-learning (preparation and review) Prior learning : Solve the practice exercises in the textbook given in prior class. Post-lesson study : Review what you learned in class and memorize the conjugations of verbs and the vocabularies. Evaluation Method (including evaluation criteria) Class participation (30%), completion of mid-term and final assignments (20%), final exam (50%) Evaluation will be based on a totally consideration of the above. Textbook T T Reference Books, Teaching Materials, etc. French-Japanese dictionary will be explained in class guidance at the beginning of the semester. For example : Casio EX-word (電子辞書), <u>D</u> 74/w4An中辞典 (旺文社), /707/JA和辞典 (三省堂) etc.	7 "Talk a	bout your hobbie	es" (question, answe	ers to quest	ions, 11	nterro	gative a	adjec	tives)	
 Ask what you want to do (contractions of prepositions and definite articles, indicative adjectives) Mid-term summary (review and feedback on previous activities, French culture) "To indicate a place" (expressions of presentation "il y a", preposition indicating a place) "To say where you live" (intensified personal pronoun, possessive adjective, verb connaître) "Asking what you are doing" (interrogative pronoun, verb faire) "Asking what you are doing" (interrogative pronoun, verb faire) "Say your age" (interrogative adverb, numeral) Final summary (review and feedback, final exam) Feedback on Assignments (exams, reports, etc.) At the mid-term and the end of the term, students will be checked on their achievement of the assignments, and feedback and explanations will be given. Course Notes Late arrivals and absences will be assessed, so please be careful. Do not neglect your preparation and review. Students should prepare a French-Japanese dictionary for preparation and review. Contents of Prior and Post-learning (preparation and review) Prior learning: Solve the practice exercises in the textbook given in prior class. Post-lesson study : Review what you learned in class and memorize the conjugations of verbs and the vocabularies. Evaluation Method (including evaluation criteria) Class participation (30%), completion of mid-term and final assignments (20%), final exam (50%) Evaluation will be based on a totally consideration of the above. Textbook [パスカル・オ・ジャボン』 白水社、藤田裕二著 Reference Books, Teaching Materials, etc. French-Japanese dictionary will be explained in class guidance at the beginning of the semester. For example : Casio EX-word (電子辞書), 四/th/L和中辞典 (旺文社), /77/L和辞典 (三省堂) etc. 	8 "Ask w	hor (answer to n	legative sentences, i	negative qu	estion:	S) dafin	ita anti	100	indiantiva adiantivas)	
10 'muterini summary (review and recoduct on previous activities, reinch cuture) 11 'To indicate a place'' (expressions of presentation 'iil y a'', preposition indicating a place) 12 'To say where you live'' (intensified personal pronoun, possessive adjective, verb connaître) 13 ''Asking what you are doing'' (interrogative pronoun, verb faire) 14 ''Say your age'' (interrogative adverb, numeral) 15 Final summary (review and feedback, final exam) Feedback on Assignments (exams, reports, etc.) At the mid-term and the end of the term, students will be checked on their achievement of the assignments, and feedback and explanations will be given. Course Notes Late arrivals and absences will be assessed, so please be careful. Do not neglect your preparation and review. Students should prepare a French-Japanese dictionary for preparation and review. Contents of Prior and Post-learning (preparation and review) Prior learning : Solve the practice exercises in the textbook given in prior class. Post-lesson study : Review what you learned in class and memorize the conjugations of verbs and the vocabularies. Evaluation Method (including evaluation criteria) Class participation (30%), completion of mid-term and final assignments (20%), final exam (50%) Evaluation will be based on a totally consideration of the above. Textbook [<i>N</i> : <i>A n N i i i i i k i k k k k k k k k k k</i>	9 ASK W	nat you want to	uo (contractions of	r prepositio	ns and	ios E	ne arm	les, i	andicative adjectives)	
12 "To say where you live" (intensified personal pronoun, possessive adjective, verb connaître) 13 "Asking what you are doing" (interrogative pronoun, verb faire) 14 "Say your age" (interrogative adverb, numeral) 15 Final summary (review and feedback, final exam) Feedback on Assignments (exams, reports, etc.) At the mid-term and the end of the term, students will be checked on their achievement of the assignments, and feedback and explanations will be given. Course Notes Late arrivals and absences will be assessed, so please be careful. Do not neglect your preparation and review. Students should prepare a French-Japanese dictionary for preparation and review. Contents of Prior and Post-learning (preparation and review) Prior learning : Solve the practice exercises in the textbook given in prior class. Post-lesson study : Review what you learned in class and memorize the conjugations of verbs and the vocabularies. Evaluation Method (including evaluation criteria) Class participation (30%), completion of mid-term and final assignments (20%), final exam (50%) Evaluation will be based on a totally consideration of the above. Textbook [$r^x \exists \pi h \cdot \vec{x} + \vec{y} \neq \vec{x} \lor$] 白水社、藤田裕二著 Reference Books, Teaching Materials, etc. French-Japanese dictionary will be explained in class guidance at the beginning of the semester. For example : Casio EX-word (電子辞書), u74t/L和中辞典 (旺文社), 775/\Lambda 和辞典 (三省堂) etc.	11 "To ind	icate a place" (e	xpressions of prese	ntation "il x		nren	osition	indic	cating a place)	
13 "Asking what you are doing" (interrogative pronoun, verb faire) 14 "Say your age" (interrogative adverb, numeral) 15 Final summary (review and feedback, final exam) Feedback on Assignments (exams, reports, etc.) At the mid-term and the end of the term, students will be checked on their achievement of the assignments, and feedback and explanations will be given. Course Notes Late arrivals and absences will be assessed, so please be careful. Do not neglect your preparation and review. Students should prepare a French-Japanese dictionary for preparation and review. Contents of Prior and Post-learning (preparation and review) Prior learning : Solve the practice exercises in the textbook given in prior class. Post-lesson study : Review what you learned in class and memorize the conjugations of verbs and the vocabularies. Evaluation Method (including evaluation criteria) Class participation (30%), completion of mid-term and final assignments (20%), final exam (50%) Evaluation will be based on a totally consideration of the above. Textbook 『パスカル・オ・ジャポン』 白水社、藤田裕二著 Reference Books, Teaching Materials, etc. French-Japanese dictionary will be explained in class guidance at the beginning of the semester. For example : Casio EX-word (電子辞書), ログヤル仏和中辞典(旺文社), クラウン仏和辞典(三省堂) etc.	12 "To say	where you live'	' (intensified persor	al pronoun	. posse	essive	adiecti	ve. v	erb connaître)	
14 "Say your age" (interrogative adverb, numeral) 15 Final summary (review and feedback, final exam) Feedback on Assignments (exams, reports, etc.) At the mid-term and the end of the term, students will be checked on their achievement of the assignments, and feedback and explanations will be given. Course Notes Late arrivals and absences will be assessed, so please be careful. Do not neglect your preparation and review. Students should prepare a French-Japanese dictionary for preparation and review. Contents of Prior and Post-learning (preparation and review) Prior learning : Solve the practice exercises in the textbook given in prior class. Post-lesson study : Review what you learned in class and memorize the conjugations of verbs and the vocabularies. Evaluation Method (including evaluation criteria) Class participation (30%), completion of mid-term and final assignments (20%), final exam (50%) Evaluation will be based on a totally consideration of the above. Textbook 『パスカル・オ・ジャポン』 白水社、藤田裕二著 Reference Books, Teaching Materials, etc. French-Japanese dictionary will be explained in class guidance at the beginning of the semester. For example : Casio EX-word (電子辞書), ロブイヤム和中辞典(旺文社), クラウン仏和辞典(三省堂) etc.	13 "Asking	g what you are d	oing" (interrogative	e pronoun, v	verb fa	ire)	aajoon	, .		
15 Final summary (review and feedback, final exam) Feedback on Assignments (exams, reports, etc.) At the mid-term and the end of the term, students will be checked on their achievement of the assignments, and feedback and explanations will be given. Course Notes Late arrivals and absences will be assessed, so please be careful. Do not neglect your preparation and review. Students should prepare a French-Japanese dictionary for preparation and review. Contents of Prior and Post-learning (preparation and review) Prior learning : Solve the practice exercises in the textbook given in prior class. Post-lesson study : Review what you learned in class and memorize the conjugations of verbs and the vocabularies. Evaluation Method (including evaluation criteria) Class participation (30%), completion of mid-term and final assignments (20%), final exam (50%) Evaluation will be based on a totally consideration of the above. Textbook 『パスカル・オ・ジャポン』 白水社、藤田裕二著 Reference Books, Teaching Materials, etc. French-Japanese dictionary will be explained in class guidance at the beginning of the semester. For example : Casio EX-word (電子辞書), p74t/L和中辞典(旺文社), /77t/L和辞典(三省堂) etc.	14 "Say yo	our age" (interrog	gative adverb, nume	eral)		,				
Feedback on Assignments (exams, reports, etc.)At the mid-term and the end of the term, students will be checked on their achievement of the assignments, and feedback and explanations will be given.Course NotesLate arrivals and absences will be assessed, so please be careful. Do not neglect your preparation and review.Students should prepare a French-Japanese dictionary for preparation and review.Contents of Prior and Post-learning (preparation and review)Prior learning : Solve the practice exercises in the textbook given in prior class. Post-lesson study : Review what you learned in class and memorize the conjugations of verbs and the vocabularies.Evaluation Method (including evaluation criteria)Class participation (30%), completion of mid-term and final assignments (20%), final exam (50%) Evaluation will be based on a totally consideration of the above.Textbook『パスカル・オ・ジャボン』白水社、藤田裕二著Reference Books, Teaching Materials, etc.French-Japanese dictionary will be explained in class guidance at the beginning of the semester. For example : Casio EX-word (電子辞書), 四/イヤル(和中辞典 (旺文社), /ラウン/仏和辞典 (三省堂) etc.	15 Final su	immary (review	and feedback, final	exam)						
At the mid-term and the end of the term, students will be checked on their achievement of the assignments, and feedback and explanations will be given. Course Notes Late arrivals and absences will be assessed, so please be careful. Do not neglect your preparation and review. Students should prepare a French-Japanese dictionary for preparation and review. Contents of Prior and Post-learning (preparation and review) Prior learning : Solve the practice exercises in the textbook given in prior class. Post-lesson study : Review what you learned in class and memorize the conjugations of verbs and the vocabularies. Evaluation Method (including evaluation criteria) Class participation (30%), completion of mid-term and final assignments (20%), final exam (50%) Evaluation will be based on a totally consideration of the above. Textbook 『パスカル・オ・ジャポン』白水社、藤田裕二著 Reference Books, Teaching Materials, etc. French-Japanese dictionary will be explained in class guidance at the beginning of the semester. For example : Casio EX-word (電子辞書), u74ヤル仏和中辞典(旺文社), /7ウン仏和辞典(三省堂) etc.	Feedback of	n Assignments (e	exams, reports, etc.)						
feedback and explanations will be given. Course Notes Late arrivals and absences will be assessed, so please be careful. Do not neglect your preparation and review. Students should prepare a French-Japanese dictionary for preparation and review. Contents of Prior and Post-learning (preparation and review) Prior learning : Solve the practice exercises in the textbook given in prior class. Post-lesson study : Review what you learned in class and memorize the conjugations of verbs and the vocabularies. Evaluation Method (including evaluation criteria) Class participation (30%), completion of mid-term and final assignments (20%), final exam (50%) Evaluation will be based on a totally consideration of the above. Textbook 『パスカル・オ・ジャポン』 白水社、藤田裕二著 Reference Books, Teaching Materials, etc. French-Japanese dictionary will be explained in class guidance at the beginning of the semester. For example : Casio EX-word (電子辞書), ロワイヤル仏和中辞典(旺文社), クラウン仏和辞典(三省堂) etc.	At the mid-	term and the end	d of the term, stude	nts will be	check	ed on	their a	chiev	vement of the assignments, and	
Course Notes Late arrivals and absences will be assessed, so please be careful. Do not neglect your preparation and review. Students should prepare a French-Japanese dictionary for preparation and review. Contents of Prior and Post-learning (preparation and review) Prior learning : Solve the practice exercises in the textbook given in prior class. Post-lesson study : Review what you learned in class and memorize the conjugations of verbs and the vocabularies. Evaluation Method (including evaluation criteria) Class participation (30%), completion of mid-term and final assignments (20%), final exam (50%) Evaluation will be based on a totally consideration of the above. Textbook 『パスカル・オ・ジャポン』 白水社、藤田裕二著 Reference Books, Teaching Materials, etc. French-Japanese dictionary will be explained in class guidance at the beginning of the semester. For example : Casio EX-word (電子辞書), ロワイヤル仏和中辞典(旺文社), クラウン仏和辞典(三省堂) etc.	feedback an	d explanations w	vill be given.							
Late arrivals and absences will be assessed, so please be careful. Do not neglect your preparation and review. Students should prepare a French-Japanese dictionary for preparation and review. Contents of Prior and Post-learning (preparation and review) Prior learning : Solve the practice exercises in the textbook given in prior class. Post-lesson study : Review what you learned in class and memorize the conjugations of verbs and the vocabularies. Evaluation Method (including evaluation criteria) Class participation (30%), completion of mid-term and final assignments (20%), final exam (50%) Evaluation will be based on a totally consideration of the above. Textbook 『パスカル・オ・ジャポン』白水社、藤田裕二著 Reference Books, Teaching Materials, etc. French-Japanese dictionary will be explained in class guidance at the beginning of the semester. For example : Casio EX-word (電子辞書), ロワイヤル仏和中辞典(旺文社), クラウン仏和辞典(三省堂) etc.	Course Not	es	•11 1 1	1 1	C 1					
Do not neglect your preparation and review. Students should prepare a French-Japanese dictionary for preparation and review. Contents of Prior and Post-learning (preparation and review) Prior learning : Solve the practice exercises in the textbook given in prior class. Post-lesson study : Review what you learned in class and memorize the conjugations of verbs and the vocabularies. Evaluation Method (including evaluation criteria) Class participation (30%), completion of mid-term and final assignments (20%), final exam (50%) Evaluation will be based on a totally consideration of the above. Textbook 『パスカル・オ・ジャポン』白水社、藤田裕二著 Reference Books, Teaching Materials, etc. French-Japanese dictionary will be explained in class guidance at the beginning of the semester. For example : Casio EX-word (電子辞書), ロワイヤル仏和中辞典(旺文社), クラウン仏和辞典(三省堂) etc.	Late arrival	s and absences w	/ill be assessed, so p	please be ca	reful.					
Students should prepare a French-Japanese dictionary for preparation and review. Contents of Prior and Post-learning (preparation and review) Prior learning : Solve the practice exercises in the textbook given in prior class. Post-lesson study : Review what you learned in class and memorize the conjugations of verbs and the vocabularies. Evaluation Method (including evaluation criteria) Class participation (30%), completion of mid-term and final assignments (20%), final exam (50%) Evaluation will be based on a totally consideration of the above. Textbook 『パスカル・オ・ジャポン』白水社、藤田裕二著 Reference Books, Teaching Materials, etc. French-Japanese dictionary will be explained in class guidance at the beginning of the semester. For example : Casio EX-word (電子辞書), ロワイヤル仏和中辞典(旺文社), クラウン仏和辞典(三省堂)etc.	Do not negl	ect your prepara	tion and review.	ionomy for r	ronore	tion	nd rovi	0.001		
Prior learning : Solve the practice exercises in the textbook given in prior class. Post-lesson study : Review what you learned in class and memorize the conjugations of verbs and the vocabularies. Evaluation Method (including evaluation criteria) Class participation (30%), completion of mid-term and final assignments (20%), final exam (50%) Evaluation will be based on a totally consideration of the above. Textbook 『パスカル・オ・ジャポン』白水社、藤田裕二著 Reference Books, Teaching Materials, etc. French-Japanese dictionary will be explained in class guidance at the beginning of the semester. For example : Casio EX-word (電子辞書), 町イヤル仏和中辞典(旺文社), クラウン仏和辞典(三省堂)etc.	Contonts of	should prepare a French-Japanese dictionary for preparation and review.								
Post-lesson study : Review what you learned in class and memorize the conjugations of verbs and the vocabularies. Evaluation Method (including evaluation criteria) Class participation (30%), completion of mid-term and final assignments (20%), final exam (50%) Evaluation will be based on a totally consideration of the above. Textbook 『パスカル・オ・ジャポン』白水社、藤田裕二著 Reference Books, Teaching Materials, etc. French-Japanese dictionary will be explained in class guidance at the beginning of the semester. For example : Casio EX-word (電子辞書), 四イヤル仏和中辞典(旺文社), クラウン仏和辞典(三省堂) etc.	Prior learnin	σ · Solve the prac	tice exercises in the	texthook gi	ven in	prior (rlass			
Evaluation Method (including evaluation criteria) Class participation (30%), completion of mid-term and final assignments (20%), final exam (50%) Evaluation will be based on a totally consideration of the above. Textbook 『パスカル・オ・ジャポン』白水社、藤田裕二著 Reference Books, Teaching Materials, etc. French-Japanese dictionary will be explained in class guidance at the beginning of the semester. For example : Casio EX-word (電子辞書), 四イヤル仏和中辞典(旺文社), クラウン仏和辞典(三省堂) etc.	Post-lesson s	study : Review w	hat you learned in cl	ass and mer	norize	the co	niugati	ons o	f verbs and the vocabularies.	
Class participation (30%), completion of mid-term and final assignments (20%), final exam (50%) Evaluation will be based on a totally consideration of the above. Textbook 『パスカル・オ・ジャポン』白水社、藤田裕二著 Reference Books, Teaching Materials, etc. French-Japanese dictionary will be explained in class guidance at the beginning of the semester. For example : Casio EX-word (電子辞書), 町イヤル仏和中辞典(旺文社), クラウン仏和辞典(三省堂) etc.	Evaluation	Method (includi	ng evaluation criter	ria)			J. 8.			
Evaluation will be based on a totally consideration of the above. Textbook 『パスカル・オ・ジャポン』白水社、藤田裕二著 Reference Books, Teaching Materials, etc. French-Japanese dictionary will be explained in class guidance at the beginning of the semester. For example : Casio EX-word (電子辞書), 四イヤル仏和中辞典(旺文社), クラウン仏和辞典(三省堂) etc.	Class partici	pation (30%), con	mpletion of mid-tern	n and final a	ssignn	nents (20%), 1	final (exam (50%)	
Textbook 『パスカル・オ・ジャポン』白水社、藤田裕二著 Reference Books, Teaching Materials, etc. French-Japanese dictionary will be explained in class guidance at the beginning of the semester. For example : Casio EX-word (電子辞書), 町イヤル仏和中辞典(旺文社), クラウン仏和辞典(三省堂) etc.	Evaluation v	vill be based on a	totally consideration	n of the above	ve.					
『パスカル・オ・ジャポン』白水社、藤田裕二著 Reference Books, Teaching Materials, etc. French-Japanese dictionary will be explained in class guidance at the beginning of the semester. For example : Casio EX-word (電子辞書), ロワイヤル仏和中辞典(旺文社), クラウン仏和辞典(三省堂) etc.	Textbook									
Reference Books, Teaching Materials, etc. French-Japanese dictionary will be explained in class guidance at the beginning of the semester. For example : Casio EX-word(電子辞書), ロワイヤル仏和中辞典(旺文社), クラウン仏和辞典(三省堂)etc.	『パスカル	<・オ・ジャポ	ン』白水社、藤田	裕二著						
French-Japanese dictionary will be explained in class guidance at the beginning of the semester. For example : Casio EX-word (電子辞書), ロワイヤル仏和中辞典(旺文社), クラウン仏和辞典(三省堂) etc.	Reference B	Books, Teaching	Materials, etc.							
For example: Casio EX-word(電子辞書), 叮イヤル仏和中辞典(旺文社), クラウン仏和辞典(三省堂)etc.	French-Japa	nese dictionary w	vill be explained in c	lass guidanc	e at th	e begi	nning o	f the	semester.	
	For example	: Casio EX-word	1(電子辞書), 四	仲心和中語	辞典(旺文社	±), 'n	ラウン化	公和辞典(三省堂)etc.	

Course	Inform	ation Literacy	(Basic)				WAKABAYASHI Yoshihiro
Course Period	1st year 1st semester	Required subject 1 credit	Class format	exer cises	Co Class	ourse sificati on	Liberal Arts [Language, Information, Sports]
Objectives				1	1		
In today's in	formation societ	y, computers are an	essential to	ool for	work	ing peo	ple, and the ability to use computers
is required in	n all professions.	Therefore, students	s will acquin	re the b	basic l	knowled	dge and usage of computers required
for universit	ty studies and a	fter graduation. Stu	idents will	learn	about	the da	ngers of the Internet society, email
etiquette, an	d how to write r	eports, to be able to	use them a	pprop	riately	y in nec	essary situations.
Lecture Out	tline						
Students wi	ll learn how to u	ise computers and e	e-mail, which	ch are	neces	sary for	r university life, as well as the laws
that must be	e observed in the	e information societ	ty, how to c	leal w	ith da	ngers, a	and how to use information devices
and how to	relate to the info	ormation society. To	ouch typing	g will t	be pra	cticed i	in each class as a primary computer
operation, a	nd a practical tes	t will be given. Stud	lents will a	lso lea	rn rep	ort writ	ting skills using Microsoft Word and
basic spread	sheet skills using	g Microsoft Excel t	hrough exe	rcises.			
Lesson Plan							
1 Informa	ition literacy is the	he use of computers	s in college	•			
2 Touch t	yping, setting up	email					
3 What is	the Internet, and	d what is email etiq	uette?				
4 Informa	tion equipment,	Internet morality					
6 Mail or	rors Japanese co	Software					
7 Basic o	peration of Micr	osoft Word					
8 How to	Write a Report ((1) Inserting Figure	s and Canti	ons			
9 How to	Write a Report ((2) Formatting Para	agranhing a	and Pri	nting		
10 How to	write a report (3	B) PDF files, headin	g styles. for	rmulas			
11 How to	write a report (4) Structure of the re	eport				
12 Microso	oft Excel Feature	es, Autofill	1				
13 Relative	e and absolute re	ferences, basic fund	ctions				
14 Applied	l functions						
15 Summa	ry (Confirmation	n of understanding a	and ability (to use '	Word	and Ex	ccel)
Feedback of	n Assignments (e	exams, reports, etc.))				
The assignn	nent will be expla	ained in the next se	ssion.				
Course Note	es						
Students are	e expected to take	e the initiative in cl	ass, includi	ng exe	ercises	s and as	ssignments. In the first lesson, I will
explain the	attitude toward th	he class and the eva	luation of t	he gra	de suc	ch as a o	confirmation test.
Contents of	Prior and Post-l	learning (preparati	on and revi	ew)			
Students are	e expected to pre	pare the textbook a	and review	the ha	ndout	s after o	class to deepen their understanding.
All assignm	ents should be c	ompleted as they ar	e a review	of wha	it was	learned	d in the class. Students are expected
to practice t	ouch typing not	only in class but als	o outside o	f class	time.		
Evaluation	Method (includi	ng evaluation criter	ria)	-		(
The overall (20%).	evaluation will c	onsist of assignmen	ts (30%), ir	n-class	tests	(50%),	and a proactive approach to learning
T. (1 - 1							
Textbook 情報リテラ	シー Windows	11/Office2021 対応	, FUJITSU	LEAF	RNIN	G MED	DIA LIMITED, FOM Publishing
Reference B	ooks, Teaching I	Materials, etc.					
None in par	ticular						
· ·							

Course	Informa	tion Literacy (Applied)		WAKABAYASHI Yoshihiro
Course Period	1st year 2nd semester	Required subject 1 credit	Class format	exer cises	Course Classificat on	Liberal Arts [Language, Information, Sports]
Objectives			1	1	0H	
In today's information techniques a processing, their daily li	nformation soci using computer and learn how to and computer-ba ves and in their tline	iety, every profess s. In this course, st use computers in a ased manufacturing academic and profe	ion require tudents will an applied r s, students v sssional live	es the l study manner will be es.	ability to informatio : Through s able to app	analyze, process, and communicate n processing and information design preadsheet technology, digital image ly computers to various situations in
Following the functions are principles of also learn he software.	ne basics of Exce nd how to create f design and how ow to create a ba	el learned in Inform e graphs for acaden w to convey inform dge in conjunction	ation Litera nic research ation, and with Power	acy (Ba h; in P will cr Point,	asic), studer owerPoint eate slides and learn h	ts will learn how to use the advanced presentations, students will learn the and give presentations. Students will ow to combine knowledge, skills and
Lesson Plan	1					
 Nesting Conditi Feature Present Present Present Present Present Present Summa Digital Digital Digital Digital Use of of Feedback on Students with 	Microsoft Exce onal formatting, s of graphs and g ation (1) What is ation (2) Basic o ation (3) Princip ation (4) Slide cr ation (5) Slide m ry (Confirmation image processin image processin image processin image processin computers (1) De computers (2) Cr n Assignments (e	I Functions filters graphs for academic a presentation, fea peration of PowerP les of design, effect reation exercise 1: S naking exercise 2: En n of understanding a g (1) Basics of digi g (2) Image correct g (3) Creating a con g (4) Synthetic ima esign of badges, sof reation of can badge exams, reports, etc.	c research tures of Mi Point ive slides Summarizin Expression of and applica tal images ion mposite ima ge competi ftware colla es) work.	crosoft ag infor of infor tion of tion boratio	t PowerPoir rmation Excel and	ıt PowerPoint)
Course Note Students sh (Basic)". In outside of cl to do anythi	es ould have under dependent effort lass time based o ng if you miss cl	rstood and mastere is are required in a on the explanations lass.	d the control ll production given in cla	ents of on task ass are	f the previous and groum mandatory,	bus semester's "Information Literacy p activities. In this course, activities so be aware that you will not be able
Review the to prepare a target.	Prior and Post-I knowledge and s nd produce the p	skills learned in each roduction assignme	h content and review on and review of the re	rea and the cl	prepare for ass, and to	the next class. Students are expected complete them up to the achievement
The overall learning (30	evaluation will %).	be based on assign	nments (40	%), in	-class tests	(30%), and a proactive approach to
Textbook 情報リテラ	シーWindows1	1/Office2021 対応,	FUJITSU	LEAR	NING MEI	DIA LIMITED, FOM Publishing
Reference B None in par	ooks, Teaching I ticular	Materials, etc.				

Course	Wellne	ess & Physical	Activity				Tami Nakayama
Course Period	2nd year 1st semester	Elective 2 credits	Class format	lectur e	Co Class	urse sificati on	Liberal Arts [Language, Information, Sports]
Objectives	1			1			
The goal is	to learn the imp	portance of continu	ing sports,	develo	ping	a health	ny body and mind, learning useful
knowledge	and information	to live a healthy life	e, and revie	wing c	ne's o	wn heal	th.
Lecture Ou	tline						
To pursue th WHO's Hea diseases, an In addition, all physical exercise saf	he quality of life alth Charter), stu d deepen their ave through the prace activities, stude ely and effective	(QOL) based on the dents will learn ho wareness of their ow tice of correct postu- ents will be able to ly, and deepen their	e concept o w to exerci- vn health ca ure, walking exercise a awareness	f welln ise, ho are. g, and g ccordin s of the	ess (a w to o group ng to ir owr	n evolve obtain a exercise their ov health	ed interpretation of the preamble of healthy body, and how to prevent es, which are the basis of health and vn physical strength, learn how to management.
Lesson Plan	1						
1 Orienta	tion						
2 How th	e human body, b	ones, and muscles	work				
3 Food an	nd exercise to bo	ost immunity					
4 UV pro	tection	·					
5 Heatstr	oke prevention						
6 Treating	g and preventing	injuries					
7 Body T	runk Training						
8 lifesavi	ng emergency pi	ocedures					
9 Test	a mua ati a al						
10 Ultimat	e practical						
12 Table te	ennis practical						
13 Table te	ennis practical						
14 Table te	ennis practical						
15 Table te	ennis practical						
Feedback of	n Assignments (e	exams, reports, etc.)				
As feedback	k, explanations o	f the answers will b	e given afte	er class	5.		
Course Not	es						
Students she Refrain fror	ould listen carefunder of the second se	ally to the explanati that may cause troub	ons given a ble for other	it the o rs or is	rientat unbec	tion regation regatio	arding course procedures. of a university student.
Contents of	Prior and Post-	learning (preparati	on and revi	iew)			
Post-lesson s	study: "Listen to	the review of each cl	ass and org	anize a	nd pre	pare you	ır notes."
Evaluation	Method (includi	ng evaluation crite	ria)				
Comprehens	ive evaluation ba	sed on class particip	ation and at	titude (70%)	and repo	ort exam (30%)
Textbook							
Hand out ha	ndouts as appropriation of the second s	riate					
Reference B	Books, Teaching	Materials, etc.					
None							
L							

Course	Intro	duction to Life	Science					OGURO Mieko ISHIKAWA Makiko MOGI Chie
Course Period	2 nd year, 1 st semester	Required subject/2 credits	Class format	lecture	C C C c	ourse lassifi ation	S	Specialized Education [Basic Specialized Education
Objectives								
Since we	live in an age w	here knowledge an	d information	ion about	life	e scien	ces a	ffect many aspects of our daily
lives, this co	ourse aims to pro	ovide students with	the basic k	cnowledge	e ar	nd scier	ntific	thinking needed to understand
the current s	state of life scien	ces and the various	issues rela	ted to the	m.			
Lecture Ou	itline		. 1		0.11	C 1	1	
In this co	ourse, students w	ill learn about the n	nystery and	dignity o	et 111	te by u	nder	standing the mechanism of life.
In addition,	the developmen	t of life science and	bioethics v	will be exp	plai	ined. (Jmn	ibus system / 15 sessions)
How are	life sciences re	elated to modern s	society, how	w is life	des	signed,	and	I how is genomic information
expressed?	How is life desig	gned, and how is get	nomic info	rmation e	xpr	essed?	How	v are complex bodies created?
(Mieko C	Oguro / 5 times)							
It explain	s how much we	know about the brai	n, what car	ncer is, the	e rel	lations	hip b	etween our food and our health,
and how we	e can protect ours	selves from pathoge	ens. (Chie M	Aogi /5 tii	mes	5)		
How the	environment rel	lates to living thing	gs, how far	life-scien	nce	techno	ology	y has come, where bioethics is
headed, and	how to understa	nd the wonders of l	ife and livin	ng things	will	l be dis	cuss	ed. (Makiko Ishikawa /5 times)
Lesson Pla	an							Teacher in charge
1 Relatio	nship between li	fe science and mode	ern society					OGURO
2 How is	life designed?							OGURO
3 How is	genomic inform	ation expressed?						OGURO
4 How co	omplex bodies ar	e created?	life solono	20				OGURO
6 How m	iry and test on th	about the brain?	me science	es				MOGI
7 What d	oes cancer look	like?						MOGI
8 The rel	ationship betwee	en our food and our	health					MOGI
9 How do	o humans prepare	e for pathogens?						MOGI
10 Summa	ries and tests on	the mechanisms of	life as reve	ealed by li	ife	science	e rese	earch MOGI
11 How do	o organisms inter	act with the environ	nment?					ISHIKAWA
12 Life-sci 13 What a	ience technology	and its progress.	n tha lifa a	aion oos?				ISHIKAWA ISHIKAWA
13 What a	evelopments in I	ife Sciences	in the fife s	ciences?				ISHIKAWA
15 Summa	ary and test on th	e progress of life sc	cience techr	nology an	d it	s relati	onsh	ip to society ISHIKAWA
Feedback of	n Assignments (e	exams, reports, etc.)					1 J
Report assig	gnments and que	estions will be fed	back to you	u in every	/ fiv	ve clas	ses c	conducted by each teacher, and
Moodle wil	l be used for pos	ting and distributing	g class refe	rence mat	eria	als.		
Course Not	es							
We hope the	at you will use o	ur library and other	resources t	to keep up	o to	date w	vith t	he latest topics in life science.
Contents of	Prior and Post-	learning (preparati	on and rev	iew)				
Prior learnin	ng "Read the pag	ges of the textbook 1	elated to th	ne content	s of	feach	class	session.
"Submit ass	ignment reports	within the specified	deadlines	after the	5th,	10th,	and	15th classes.
Evaluation	Method (includi	ng evaluation crite	ria)					
Comprehen	sive evaluation b	based on in-class tes	st (75%) an	d class pa	rtic	pation	n (25	%).
Textbook								
現代生命科	科学, 3rd Edition	n, edited by The U	niversity o	of Tokyo	Lif	e Scier	nce 7	Textbook Editorial Committee,
Yodosha		-	-	-				
Reference E	Books, Teaching	Materials, etc.						
It will be in	troduced as appr	opriate during the le	ecture.					

Course		Biotechnolog	y				OGURO Mieko		
Course Period	3 rd year, 2 nd semester	electives/2 credits	Class format	lecture	Course Classif cation	e ç	Specialized Education [Basic Specialized Education		
Objectives				1	cution	1	*		
The study	y of the systems	by which organism	s operate is	s called bi	oscienc	e,whic	ch understands living organisms		
as a collect engineering of animal nu which we as students with	ion of molecule) is closely relate ursing and anima re confronted with h basic biotechr	es and applies the led to bioscience. In tal-human relations, a tith biotechnology proof proof of the proof of the transmission of the proof of the	knowledge he future, a as well as in coblems or at will ena	and techn a vast amo n real life, forced to ble them t	niques of ount of b and the make d to respon	of che iotech re wil ecisio nd app	mistry, Biotechnology (genetic mology will be used in the fields l be more and more situations in ns. This course aims to provide propriately to such situations.		
Lecture Ou	uine			art Tania		J 41.	is source in alude histochy ale are		
This cour overviews, biotechnolo to solve pro indispensab	reference of the second	biological molecu biological molecu bility, and many mon al-human relationsh uch an era, will be le	lotechnolo le, recomine. It is be ips. In this ectured bas	gy. Topics binant D eneficial to lecture, ed on bas	NA, PO D apply basic kr ic know	CR, I Diotec Nowled Ledge	DNA cloning, current events, hnology to care for animals and dge of biotechnology, which is of biology.		
Lesson Plan	l ation to histophy	alagy gubiasta tha	wondon of	~~~~					
2 What a	re genomes and	genes?	wonder of	genes					
3 Human	genome, genom	nes of various anima	ls						
4 How pr	oteins are coded	by genes?	15						
5 DNA cl	loning	50							
6 Polyme	rase chain react	ion (method) (PCR)							
7 Genetic	c diagnosis								
8 DNA an	nalysis								
9 Agricul	tural biotechnol	ogy							
10 Cloned	animal	1 • 1							
11 Genes i	elated with coat	color in dogs							
12 Genes I	elated with body	quality in dogs							
13 Oelles I 14 Biotech	nology for anim	y Size al and human healtl	nast nres	ent and f	uture				
15 Summa	rv and final exa	ms	i pust, pres	ent, and r	uture				
Feedback of	n Assignments (exams, reports, etc.)							
Exams and	assignments will	l be explained in cla	ss and feed	lback will	be give	n.			
Course Not	es	1			0				
Biotechnolo	bgy and its appli	cations are in the n	ews in new	spapers a	nd telev	ision.	I will be using Moodle to post		
information	and distribute re	eference materials for	or the class	. so keep	an eve o	ut for	them.		
Contents of	Prior and Post-	learning (preparation	on and revi	iew)					
Prior learnin	ng: For the secon	d to fourteenth class	ses, a regist	er will be	distribu	ted in	advance, so please read through		
it beforehan	d and deepen yo	our understanding th	rough refei	ence bool	ks and tl	ne Inte	ernet.		
Post-learnin	g: Students will	compile lecture not	es on the le	ecture's co	ntent us	ing th	e register and the board.		
Evaluation	Method (includi	ng evaluation criter	ria)			0	0		
Students w	ill be evaluated	d comprehensively	based on	40 % nc	rmal po	oints	(including quizzes) and 60 %		
final exam									
Textbook									
handout									
Reference B	Books, Teaching	Materials, etc.							
DNA ジェー	ムス ワトソン, K	Iodansha, ポピュラー	-サイエンス	、DNA 鑑	定, Sok	cabo			
分子生物学	中継 Yodosha b	y Takaaki Tamura, Y	Yodosha, 遺	していていていていていていていていましん。	≜ 2nd E	lition	Kodansha		
Course	Introduc	ction to veterinary N	ursing					Uchida et al.	
--	---	--	---	--	---	--	---	--	--
Course Period	1st grade Prophase	Required subjects 2 units	Class format	lecture	Cou Classi oi	rse ficati 1	Professional	education [specialized basics	
Objectives									
Students can for patients, clarify the p understand t nurses based	understand the and and implement s osition of animal he need for animal on ethical and le	nimal diseases that u pecific methodologic nurses in society fro al nursing by animal gal grounds regardir	nderlie nur es. In partio om the rela nurses. In a ng the socia	sing, th cular, w ationshi addition al respon	eoretica ve can p p betwe , the go nsibiliti	ally ex positio een pa al is to es asso	plain the know n animal nursi tients, owners, o understand th ociated with ve	ledge necessary to care ng as a practical study, and veterinarians, and e position of veterinary terinary nursing.	
Lecture Ou	tline	1			1 11	1			
Since this in at the same t Lecture on t position of a veterinarians associated w	troduction is the c ime, theoretically he concrete meth nurses in society s, and teach the n ith nursing, the p	core lecture of anima explain the knowled nodology. In particu from the relationsh necessity of animal nu osition of animal nu	l nursing, s lge necessar lar, we pos ip between nursing by r rsing will b	tudents ry to car sition ar target nurses. re expla	should re for ta nimal n animal do. In ined ba	be ma rget an ursing s and additions sed or	ide to understan nimals in anima g as a practical their owners i on, regarding the n ethical and lea	ad animal diseases, and al nursing, and further., discipline, clarify the n animal nursing, and he social responsibility gal grounds.	
Lesson Plan	l								
 Veterina History Basic co Basic co Establis Animal Owner s The role Activiti Termina Various Animal Animal Welfare Welfare 	 1 Veterinary history and concepts 2 History of animal nursing and the need and social recognition of animal nurses 3 Basic concept of animal nursing (1) 4 Basic concept of animal nursing (2) 5 Establishment and characteristics of animal nursing 6 Animal Nursing Education and Pet Animal Nurse National Exam 7 Owner support and pet loss in animal nursing 8 The role of an animal nurse 9 Activities of professional associations 10 Terminal care for animals 11 Various animal views and environmental factors 12 Animal welfare concept 13 Animal welfare and society 14 Welfare of companion animals 								
Feedback of	n Assignments (e	exams, reports, etc.))						
As feedback	, I will explain th	e contents of the sub	mitted repo	ort.					
Course Note Since it is a it is necessar	es class that governs y to organize eac	the origin of animal h lesson together.	l nursing to	be stuc	lied fro	m nov	v on, the conter	t is diverse. Therefore,	
Contents of Pre-study "F contents of t	Prior and Post-l Read the textbook he lecture materia	earning (preparation of the page related to the page and supplement the page and supplement the page of the page o	on and rev e content of he points of	fiew) f each l f interes	lesson", st by se	Post- lf-stud	study "After e ly."	ach lesson, review the	
Evaluation	Method (includi	ng evaluation criter	ria)						
Evaluation is	s based on class p	articipation, report s	ubmission	(50%)	and exa	.m (50	%).		
Textbook									
"Animal Nu Nursing, Hu	rsing Education man Animal Rela	Standard Curriculu tions, Animal Welfar	m Complia re / Ethics)	ant App Animal	olied A Health	nimal Nursi	Nursing (I ng University A	ntroduction to Animal Association Curriculum	

Review Committee, Interzoo

Reference Books, Teaching Materials, etc.

							©UEDA Fukiko					
							OKUNO Takuji					
	Introduc	tion to Anima	l- Huma	n			ISHIKAWA Makiko					
Course		Relations					NIIIIMA Noriko					
		Relations					A VIVAMA Junko					
							AKIYAMA JUNKO					
	HORII Takayu											
Course	ourse1st year, 2ndRequired subject 2ClasslectuCourseSpecialized Education [Basic											
Period	PeriodsemestercreditsformatreClassificationonSpecialized Education]											
Objectives	Objectives											
1. The rela	tionship betwee	n humans and ani	mals. To	unders	stand 1) the h	nistory of animal husbandry and use,					
2) the dif	ferences between	n the Western and .	Japanese v	iews of	f anim	als an	d our relationship with them, 3) the					
current st	atus of animal ca	are and use.	not onime	Ja T	'o unde	roton	1) the basic knowledge of the link					
between a	animal abuse and	interpersonal viole	ence 2) an	imal-h	oardin	σ coll	appe 3) the benefits that pet animals					
provide to	o children and th	ie elderly, and the v	various circ	umstar	ices th	at ma	ke it difficult to keep pet animals as					
people ag	ge.						* *					
3. Animal-	assisted activitie	es, animal-assisted	therapy a	ind ani	imal-a	ssiste	d education. To understand 1) the					
physical	and psychologic	al effects of contac	t with anir	nals or	n huma	ans, 2)	the purpose and content of animal					
assisted a	of animals used	assisted therapy al	activities	assisted	1 eauc	ation,	3) the public health and behavioral evapy and animal assisted education					
4) the in	volvement of ve	eterinary clinics an	d pet nurs	es in a	animal	care	activities, animal care therapy and					
animal ca	are education, 5)) the purpose and	reality of s	school	anima	ls and	I the involvement of pet veterinary					
nurses (in	ncluding the reco	ognition by the Mi	nistry of E	Education	on, Cu	ılture,	Sports, Science and Technology as					
part of m	oral education).											
Lecture Ou	t the role that a	nimale play in hu	man socia	ty the	ir had	arour	and history and understand the					
relationship	between human	s and animals from	nsvcholog	ical and	d socio	ologica	all aspects including the realities and					
issues invol	ved.		psycholog	iour uir		105100	a aspects, merading the realities and					
Lesson Pla	n											
1 Guidan	ce, what is Anim	al Human Relation	s?	1		•, ,•						
2 The relation	s in Japanese L it	en numans and anim	als (history	y and c	urrent	situati	on of animal husbandry and use)					
4 Differe	nces between We	estern and Japanese	views on a	animals	and o	ur rela	tionship with them					
5 The cur	rrent status of ani	imal husbandry and	use, and th	he role	of anii	mals in	n contributing to human life					
6 Workin	g animals (histor	ry, welfare, assistan	ce dogs: gu	uide do	g, mot	oility s	ervice dog, hearing dog)					
7 Human	welfare (the ben	efits of pets to peop	le: physica	l and p	sychol	ogical	effects) and the problems of keeping					
Pets as	people age.	for keeping pets hi	story/curra	nt citu	ation a	ottochr	nent/dependence_pet loss)					
9 The put	rpose and reality	of school animals a	and the involution	olveme	ent of r	ntaem bet vet	erinary nurses					
10 Objecti	ves and contents	s of Animal Assiste	d Activity	(AAA	.), Ani	mal A	ssisted Therapy (AAT) and Animal					
¹⁰ Assiste	d Education (AA	LE)										
11 Behavi	oral appropriaten	less of animals used	l in AAA, A	A AT ar	nd A A	E						
12 AAA, A	AAT, AAE and pu	ublic health	ory nursos	in AA	רא א	Fond						
13 The lin	14 The link between animal cruelty and interpersonal violence and animal-hoarding											
15 State of the pet industry												
Feedback on Assignments (exams, reports, etc.)												
Feedback on reports and questions will be given in the "Summary" section.												
Course Notes												
The university library has an extensive collection of audio-visual materials as well as books in this field. Students												
are expected	d to use these m	naterials to actively	absorb as	much	know	ledge	as possible and grasp a clear study					
Contents of	f Prior and Post	aller with lectures. I	tion and r	materia	18 W111	ue dis						
Drior loomi	ar Read books a	-icar ming (prepara	ling to the	lasson	nlan							
riioi learnii	ng. Read DOOKS a	inu materials accord	ing to the	1088011	piali.							

Post-lesson study: Review the materials distributed in class and submit a report within the specified period.

Evaluation Method (including evaluation criteria)

The overall evaluation will be based on 50% class participation and 50% reports.

Textbook

愛玩動物看護師カリキュラム準拠教科書シリーズ 4巻 動物看護学概論/人と動物の関係学/生命倫理・動物福祉 一般社団法人 日本動物保健看護系大学協会 カ リキュラム委員会編、Eduward Press ISBN 978-4-86671-158-4 (in Japanese) Reference Books, Teaching Materials, etc.

Course 1st year / 1st Required subject 2 Class Course Specialized Education Period semester credits format lecture Classification Specialized Education										
Objectives										
Understand the structure of cells, tissues and organs. Understand the structure of the circulatory system, respiratory system, digestive system, endocrine system, urinary system, reproductive system, brain and nervous system, locomotor system, and skin.										
Lecture Outline Learn the mechanism of animal life maintenance from the aspect of morphology, understand animals as living organisms at each level of cells, tissues, and organs, and establish the basis for learning about pathological changes.										
Lesson Plan 1 1 Introduction to morphology. What are cells, tissues and organs? 2 Skeletal system (basic structure of bones, bone tissue, hematopoietic tissue, trunk bones) 3 Skeletal system (limb bones, joints) 4 Skeletal system (skeletal muscles: musculature, head, neck, chest, lumbar, abdomen) 5 5 6 7 7 7 1 8 6 7 6 7 7 1 8 6 9 6 9 6 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9										
Course Notes Take attendance every time. There is a considerable amount of information to memorize, so be sure to orga little by little daily. Also, please try to remember anatomical terms correctly. Try to write them in "kanji" as as possible.										
Colored atlas for self-study, preparation and review, useful for second year practical training.										
Contents of Prior and Post-learning (preparation and review) The class will basically be conducted in the order of the syllabus, so please read through the assigned textbook for that unit. After class, please refer to the handouts and compare your notes with the notes you took in class.										
Evaluation Method (including evaluation criteria) Evaluation will be based on the overall judgment of class participation (20%), quizzes (30%), and regular examinations (50%).										
Textbook										
1. 基礎動物看護学 動物形態機能学・動物繁殖学、EDUWARD Press										
2. 大の解剖カフーリンクアトフス 字窓社										
Color Atlas of Veterinary Anatomy EDUWARD Press										
2. カラーアトラス 獣医解剖学 上下巻、EDUWARD Press										

Course	A	nimal Physiolo	ogy			IMAMURA Shin-ichiro		
Course Period	1st year / 2nd semester	Required subject 2 credits	Class format	lecture	C Clas	ourse sification	Specialized Education [Basic Specialized Education]	
Objectives			Iormut	1	Ciubi		spooning reasoning	
Understand	the function of c	ells, tissues and org	gans.					
Understand	the function of th	ne circulatory system	m, respira	tory syst	em, di	gestive sys	stem and nutritional metabolism,	
endocrine s	ystem and horn	nones, urinary sys	tem and	fluid reg	gulatic	n, brain a	and nervous system, blood and	
hematopoie	tic organs, locon	notor system, and sl	kin.					
Lecture Ou	tline							
Learn the n	nechanism of an	imal life maintena	nce from	the aspe	ect of	physiolog	y, understand animals as living	
organisms a	t each level of ce	ells, tissues, and org	ans, and e	stablish	the ba	sis for lear	ning about pathological changes	
I								
Lesson Plan	l ction to physicle	ov Structure and f	unction of		raanal	أمد		
2 Body fl	uids electrolytes	s and acid-base equ	ilibrium		ganei	108		
3 Fluid re	egulation and uri	ne formation. clear	ance					
4 Blood (including plasma	a component and b	lood cell c	compone	nt)			
5 Respira	itory systems and	l its regulation		1	/			
6 Heart a	nd blood circulat	tion (heart, myocar	dial prope	rties, my	vocard	ial excitati	ion, cardiac cycle, EKG, etc)	
7 Heart a	nd blood circulat	tion (regulation of o	cardiac fu	nction, p	rincip	les of the b	blood circulation, vessels, etc)	
8 Digesti	on and absorptio	n (mechanical dige	stive activ	vity, cher	nical	digestion o	of the gastrointestinal tract, etc)	
9 Digesti	on and absorptio	n (pancreatic funct	ion, liver t	function,	, absoi	rption of n	utrients, etc)	
10 Endocr	ine system funct	ions, function of va	rious hori	nones	1	-		
11 Reprod	a system (action)	reproductive system	n normona	al, sexua	1 cycl	e	evinence)	
12 Nervou	s system (central	potential, conduction pe	on and na rinheral n	erve fun	ction	(including	autonomic nerve function))	
14 Sensory	v receptors, soma	atic sensations, spec	cial sensat	ions	cuon	(including		
15 Structu	re and characteri	stics of skeletal mu	scles, refl	ex move	ements	5		
Feedback of	n Assignments (e	exams, reports, etc.)					
The answers	s to the quizzes g	given in class are no	ot shown.	Howeve	r, the	question is	answered firmly.	
Course Note	es							
Take attenda	ance every time.	Listen to the class	carefully	and take	notes	actively. 1	I want you to apply the lecture's	
content to y	our own body an	nd "feel" it.	•					
		• / /•		• 、				
Contents of	Prior and Post-I	learning (preparati	on and re	view)	nlage	a read three	ugh the aggigned texthools for that	
unit After cl	class please refer to the handouts and compare your notes with the notes you took in class							
Evaluation	Method (includi	ng evaluation crite	ria)	our note.	5 WILLI	the notes y	ou took in class.	
Evaluation v	vill be based on th	ne overall judgment	of class pa	rticipatio	on (20	%), quizzes	s (30%), and regular examinations	
(50%).		5 8	1	1	,	// I		
Textbook								
基礎動物看	護学 動物形態	態機能学・動物繁殖	植学、ED	UWARD	Press			
Reference B	Books, Teaching	Materials, etc.						
基礎動物生理学、アドスリー								
生理学 文	永堂							

Course	Practice	of Animal Ana Physiology	atomy a	and				IMAMURA Shin- ichiro
Course	2nd year / 2nd	Required subject 2	Class	tunining	Course		Specia	lized Education [Basic
Period	semester	credits	format	training	Classificatio	m	Spe	cialized Education]
Objectives								
This course	aims to gain a co	oncrete understandi	ng of the	structure a	and function of	of ti	issues, or	gans and body through
observation	and experimenta	ation.						
Lecture Out	tline							
The anatom	ical component	of animal morpho	ology incl	ludes the	skeleton, ske	elet	al muscl	es, abdominal organs,
thoracic org	ans, urogenital o	organs, focusing on	the canin	e. As a his	stology, obser	ve	the histo	logical image of major
organs with	a microscope an	d understand its cha	aracteristi	cs. The ph	ysiological co	omj	ponent ir	cludes changes in vital
signs, ECG	and blood pressu	are measurements an	nd their si	ignificanc	e, actual meas	sure	ements re	elated to sensation, and
corpuscle m	easurements rela	ated to renal functio	on to unde	erstand phy	ysiological fu	nct	ion.	
Lesson Plan	1							
1 Orienta	tion of the whole	e practice.						
Practica	l training on the	skeleton (sketching	g of the sl	cull, verte	brae and thora	ax)		
2 Practica	l training on the	skeleton (sketching	g of foreli	mb bones	and hindlimb	b	ones)	
³ Practica	al training on the	e skeletal muscles	(observat	tion of he	ad and trunk	mı	uscles, re	eproduction of skeletal
muscles	s with clay)	1 1 1	. 1	6 1	1 6 1 1			·····
4 Practica	u training on the	e skeletal muscles (observatio	on of neck	and forening) 111	luscies, r	eproduction of skeletal
Dractice	s with clay)	, skolotol muselos (obcorrectio	on of hind	llimb and wh	010	hody m	usalas reproduction of
5 skeletal	muscles with cl	av)	observatio		mino and wir		body III	useres, reproduction of
6 Practica	I training on the	intestinal organs (s	ketching	of abdom	inal and pelvi	с о	roans)	
7 Practica	al training on the	intestinal organs (s	ketching	of thoraci	c organs (incl	ndi	ing nig h	eart) and brain)
8 Practica	a training on the	tissues (sketching)	of tongue	. small int	estine. pancre	eas.	liver an	d kidnev)
9 Practica	l training on the	tissues (sketching of	of lung. c	ardiac mu	scle. skeletal	mu	scle and	artery and vein)
10 Practica	l training on the	tissues (sketching	of endocr	ine tissue.	skin and bon	e)		, , , , , , , , , , , , , , , , , , ,
11 Practica	d training on th	he regulation of th	ne circula	tory syste	em, respirato	rý	system	and body temperature
(measur	ring of TPR at re	est and after exercise	e using do	ogs)	· 1	2	2	J 1
12 Practica	d training on th	e cardiovascular sy	stem (me	easuring y	our own EC	Ga	and inter	preting the waveform,
¹² measuri	ing blood pressu	re and interpreting t	the values	s)				
13 Practica	al training on the	e sensory system (1	measuring	g of visua	l field, two-p	ooir	nt discrir	nination threshold and
¹⁵ tempera	ture/cold sensat	ion) 1						
14 Practica	al training on the	e sensory system (1	measuring	g of visua	l field, two-p	oii	nt discrir	nination threshold and
tempera	ture/cold sensat	ion) 2				1		
15 Practica	al training on the	renal function (obs	servation a	and quant	ification of re	nal	corpusc	les using pig kidney)
Feedback of	n Assignments (e	exams, reports, etc.) 1	· 1• 1 ·	1 1	.1	• 6 4	1
All sketches	and reports will	be returned, so ple	ase do no	t discard t	nem and use	the	m in futt	ire application courses.
Course Note		These is a consider		and of inf				
little by littl	ance every time.	There is a consider	rable allo	ical terms	ormation to n		norize, so	o be sure to organize it
nue by nu	e dany. Also, ple	ease try to remembe	anatom	ical terms	confectly. Try	y ic) write th	em m kanji as much
Colored atla	s for self-study n	reparation and review	w useful f	for second	vear practical	tra	ining	
Contents of	Prior and Post-I	learning (nrenarati	on and re	view)	year practical	ua	innig.	
The details of	of the training wi	11 be developed base	ed on the i	materials g	viven each tim	e. 1	but pleas	e keep in mind that you
will review t	he morphology a	nd physiology that y	ou studied	d in the fire	st year in adva	nce	e ar preas e.	
Evaluation	Method (includi	ng evaluation criter	ria)		2			
Class partici	pation (70%) and	examination, assign	ments and	d reports (.	30%) will be j	udg	ged comp	rehensively.
Textbook								
犬の解剖カ	ラーリングアト	ラス、学窓社						
Reference B	ooks, Teaching	Materials, etc.						
基礎動物看	護学 動物形態	<u></u> 態機能学・動物酸系	直学、ED	UWARDI	Press			

Course period Objectives 1. Pet ownershi (1) To understan maintenance for (2) Understand 2. Pet tourism-r (1) To understan (2) To understan (3) To understan (4) To understan 3. Protective ho 1) To understan	2nd year, Spring semester p and environ nd the necess r people and p the current st related facilitien nd the current nd the environ nd how to im nd the plannin busing facilitien d the environ helter medicin he role of ani d training fac	Required 2 credits or Elective 2 credits ment maintenance ity and methods (inc pets based on anima atus of pet-friendly es and dog runs t status of pet tourism mental maintenance prove and manage th ng and operation of es mental maintenance ne mal welfare manage	Class format	Lecture blem beha studies d methods it is imple agement m nent of do event acti gement me	Course classificat ion vior prevent of environr emented g-run facilit vities and re ethods of an	Specialized Education [Basic Specialized Education] ion) of pet-keeping environment mental maintenance and management et-accompanied lodging hotels ies gional promotion
Objectives 1. Pet ownershi (1) To understan maintenance for (2) Understand 2. Pet tourism-r (1) To understan (2) To understan (3) To understan (4) To understan 3. Protective ho 1) To understan for illicing and d	p and environ nd the necess r people and p the current st elated faciliti nd the curren nd the environ nd how to im nd the plannin busing facilitie d the environ helter medicin he role of ani d training fac	ment maintenance ity and methods (inc pets based on anima atus of pet-friendly es and dog runs t status of pet tourism mental maintenance prove and manage th ng and operation of es mental maintenance ne mal welfare manage	cluding prol I behavior s housing and m and how ee and mana he environn pet-related e and manag	blem beha studies d methods it is imple agement m nent of do event acti gement me	vior prevent of environr emented tethods of pe g-run facilit vities and re ethods of an	ion) of pet-keeping environment mental maintenance and management et-accompanied lodging hotels ies gional promotion
 Pet ownershi To understan maintenance for Understand Pet tourism-r To understand To understand To understand To understand To understand Protective ho To understand Protective ho To understand 	p and environ nd the necess r people and p the current st related faciliti nd the current nd the environ nd how to im nd the plannin busing facilities d the environ helter medicin he role of ani d training fac	internet maintenance ity and methods (inc pets based on anima atus of pet-friendly es and dog runs t status of pet tourism mental maintenance prove and manage th ng and operation of es mental maintenance ne mal welfare manage	cluding prol al behavior s housing and m and how we and mana he environm pet-related e and manag	blem beha studies d methods it is imple agement m nent of do event acti gement me	vior prevent of environr emented tethods of pe g-run facilit vities and re ethods of an	ion) of pet-keeping environment mental maintenance and management et-accompanied lodging hotels ies gional promotion
 To understand maintenance for Understand Pet tourism-ref To understand To understand To understand To understand To understand Protective hod To understand Protective hod To understand 	nd the necess r people and j the current st related faciliti nd the current nd the environ nd how to im- nd the planning ousing facilities d the environ nelter medicing he role of ani- d training fac- nd the signific	ity and methods (inc pets based on anima atus of pet-friendly es and dog runs t status of pet tourist nmental maintenance prove and manage th ng and operation of es mental maintenance ne mal welfare manage	cluding prol l behavior s housing and m and how we and mana he environm pet-related e and manag	blem beha studies d methods it is imple gement m nent of do event acti gement me	vior prevent of environr emented tethods of po g-run facilit vities and re ethods of an	ion) of pet-keeping environment mental maintenance and management et-accompanied lodging hotels ies gional promotion
maintenance for (2) Understand 2. Pet tourism-r (1) To understan (2) To understan (3) To understan (4) To understan 3. Protective ho 1) To understan	r people and j the current st elated faciliti and the current and the environ and the planning busing facilities d the environ helter medicing he role of ani- d training fac- and the signific	pets based on anima atus of pet-friendly es and dog runs t status of pet tourist nmental maintenance prove and manage th ng and operation of es mental maintenance ne mal welfare manage	I behavior s housing and m and how the and mana he environn pet-related e and manag	studies d methods it is imple gement m nent of do event acti gement me	of environr emented aethods of po g-run facilit vities and re ethods of an	nental maintenance and management et-accompanied lodging hotels ies gional promotion
 (2) Understand 2. Pet tourism-r (1) To understand (2) To understand (3) To understand (4) To understand (5) Protective how (1) To understand (2) To understand (3) To understand (4) To understand (5) Protective how (1) To understand 	the current st related faciliti and the current and the environ and how to im and the plannin busing facilities d the environ and the environ and the role of ani- d training fac- and the signific	atus of pet-friendly es and dog runs t status of pet tourism nmental maintenance prove and manage th ng and operation of es mental maintenance ne mal welfare manage	housing and m and how ee and mana he environn pet-related e and manag	d methods it is imple agement m nent of do event acti gement me	of environr emented tethods of po g-run facilit vities and re ethods of an	nental maintenance and management et-accompanied lodging hotels ies gional promotion
 Pet tourism-r To understand To understand To understand To understand To understand Protective hod To understand To understand 	elated faciliti nd the current nd the environ nd how to im- nd the plannin ousing facilities d the environ helter medicin he role of ani d training fac- nd the signific	es and dog runs t status of pet tourism nmental maintenance prove and manage th ng and operation of es mental maintenance ne mal welfare manage	m and how e and mana he environn pet-related e and manag	it is imple agement m nent of do event acti gement me	emented tethods of pe g-run facilit vities and re ethods of an	et-accompanied lodging hotels ies gional promotion
 (1) To understand (2) To understand (3) To understand (4) To understand (5) Protective hodes (6) To understand (7) To un	nd the curren nd the environ nd how to im nd the plannin ousing facilitie d the environ helter medicin he role of ani d training fac nd the signifi	t status of pet tourist nmental maintenance prove and manage the ng and operation of es mental maintenance ne mal welfare manage	m and how ee and mana he environn pet-related e and manag	it is imple agement m nent of do event acti gement me	emented tethods of pe g-run facilit vities and re ethods of an	et-accompanied lodging hotels ies gional promotion
 (2) To understand (3) To understand (4) To understand 3. Protective hot 1) To understand for illicities and edited 	nd the environ nd how to im nd the plannin busing facilitie d the environ helter medicin he role of ani d training fac nd the signifi	nmental maintenanc prove and manage th ng and operation of es mental maintenance ne mal welfare manage	e and mana he environn pet-related e and manag	agement m nent of do event acti gement me	ethods of pe g-run facilit vities and re ethods of an	et-accompanied lodging hotels ies gional promotion
 (3) To understant (4) To understant 3. Protective hot 1) To understant 	nd how to im nd the plannin ousing facilitie d the environ helter medicin he role of ani d training fac nd the signifi	prove and manage the ng and operation of es mental maintenance ne mal welfare manage	he environn pet-related e and manag	nent of do event acti gement me	g-run facilit vities and re ethods of an	ies gional promotion
(4) To understan 3. Protective ho 1) To understan	the planning busing facilitie d the environ helter medicin he role of ani d training fac and the signific	ng and operation of es mental maintenance ne mal welfare manage	e and manag	gement me	wittes and re ethods of an	gional promotion
1) To understan	d the environ helter medicin he role of ani d training fac	mental maintenance ne mal welfare manage	e and manag	gement me	ethods of an	mal shalters and disaster evenuation
	helter medicin he role of ani d training fac	ne mal welfare manage		gement m	unous of an	THAT SHELLETS ATHEFTIS ASTEL EVALUATION.
tractiones and si	he role of ani d training fac	mal welfare manage				inal sicilers and disaster evacuation
2) Understand t	d training fac		ement cente	ers, overvi	ew of facilit	ies, and public awareness activities
4. Education an	nd the signifi	solution for pets				, , , , , , , , , , , , , , , , , , ,
(1) To understan	na the signin	cance, necessity, me	thods, and	facilities f	or animal so	cialization training
5. Animal Assis	sted Education	n Facilities				
(1) To understan	nd methods o	f environmental mai	intenance a	nd manag	ement of fac	ilities for school-bred animals, etc.
6. Manners for	keeping pets	and dealing with ris	ks such as a	accidents a	and injuries	
(1) Understand	the necessity	and purpose of pet-	keeping ma	inners	1	
(2) Understand (2) To understand	the history of	pet-keeping manne	ers and the c	inference:	s in pet-keep	ong manners in different regions
(3) To understand	nd the manne	rs required for each	type of net	animal	ionshed by I	ocal governments
(5) To understa	nd the structu	re and reality of pet	insurance	ammai		
Lecture outline	e	to and founty of pot	mourunee			
Based on an	understandi	ng of animal behav	vior pattern	s, student	s will learn	about methods for maintaining and
managing the e	environment f	for keeping pets in	homes, etc.	, pet-sym	biotic housi	ng, pet tourism-related facilities, dog
runs, protective	housing faci	lities, pet education	and trainin	g facilitie	s, and anima	ll-assisted education facilities, as well
as methods and	manners for	removing and reduc	cing risks su	ich as pet	accidents an	d injuries, in order to understand how
the living enviro	onment shoul	d be for coexistence	e between h	umans an	d pets.	
Lesson plan		11				
1 Introduct	tion to Anima	I Living Environme	ent			
2 Maintena 2 Maintena	ance of Dogs	Living Environmen	It t for outs			
4 Dog man	agement met	hods problem beha	vior preven	tion		
5 Cat mana	agement meth	ods problem behav	vior prevent	ion		
6 Pet touris	sm	ious, procient cenu,	ior provent			
7 Improver	ment of envir	onment for pet-acco	mpanied lo	dging faci	ilities and do	og-runs
8 Planning	and operatio	n of pet-related ever	nt activities	and regio	nal promotio	on and a second s
9 Role of a	nimal welfar	e management cente	ers			
10 Environ	mental impro	ovement of animal h	ousing shel	ters and d	isaster evac	uation facilities, shelter medicine
11 Owner of	education and	I animal socializatio	n training f	acilities	,· •	1 1 1 1 .
12 Environ	imental impro	ovement of facilities	s for animal	care educ	ation, schoo	1-owned animals, etc.
15 ret-kee	ping manners	net animals by type	1005 N			
15 Pet incu	irance	per annuals by type	2 			
Feedback on a	ssignments (exams, reports. etc	e.)			
Detailed instruc	tions for the	in-class test are post	ted in the N	loodle ton	ic.	

Course Notes

The class will be based on handouts, PowerPoint presentations, and written notes. Students are encouraged to actively take notes on important information and to make their own notes and retain them in their memory. Students are expected to remember to bring handouts to class. If you are absent, please submit a notice of absence or send an e-mail with the reason for your absence before the next class.

Contents of prior and post-learning (preparation and review)

Pre-work: Read the pages of the textbook related to the content of each class session.

Post-lesson review: Review the in-class tests and study the related topics.

Evaluation method (including evaluation criteria)

The evaluation will be based on an in-class test (75%) and class participation (25%).

Class participation will be evaluated based on attendance and absence as well as active learning attitude such as preparation and asking questions about unclear points in class.

Textbook

Pet Nurse Curriculum Compliant Volume 10, Theory of Proper Care and Guidance / Animal Life and Environment Studies / Introduction to Pet-Related Industries, Eduward Press.

Reference books, teaching materials, etc.

Introduced in lectures as appropriate.

Course Period 2nd year 2nd sensetr Electives 2 credits Class format lectu rc Course Classifient Specialized Education 0. Objectives 1. Basics of animal behaviour. To understand the four questions of animal behavior (adaptation, evolution, metalianism and development), the evolution of behaviour, adaptation and domestication, innate behavior and learned behavior, and how the braviour and odd) and the behaviour. To understand leading, drinking, defection, grooming, and self-defense behavior. 2. Individual maintenance behaviour. To understand the developmental stages (acontal, transition, socialization, young, nature and odd) and the behavioural characteristics of each stage, reproductive, communicative, and hostie and friendly behaviour. 3. Problem behavior. To understand the definition of problem behaviour and the factors that influence learning. Understand basic training methods (solid training, crate training, bring control, etc.) 3. Problem behaviors. To understand the definition of problem behavioral treatment. To understand the definition of problem behavioral defection behaviour, and conjine dysfametand the cases of problem behaviors. To understand how to proceed with behavioral treatment, the types and indications of behavior medification and envirous del for and an anticly, maproprintic defection behaviour, and how to behaviour medification and envirous del for an ana nature defection behaviour, and conjine dysfametand the cases of problem behaviour (algost control, tec.) 4. Basic concepts of animal behaviour and evolution of behaviour. Extern Outline Learnor Outline Learno the outline on the outdel with the materise o	Course		Animal Behavi	or					Mogi Chie
Objectives In Basics of animal behaviour. To understand the four questions of animal behaviour (adaptation, evolution, mechanism and development), the evolution of behaviour. 2. Individual maintenance behaviour. To understand feeding, drinking, defecation, grooming, and self-defense behavior. 3. Developmental process and social behaviour. To understand the developmental stages (uconatal, transition, socialization, young, mature and old) and the behavioural characteristics of each stage, reproductive, communicative, and hostile and friendly behaviour. 4. Learning theory. To understand the formation of behavior, habituation and sensitization, classical conditioning and operant conditioning, and the factors that influence learning. Understand basic training methods (toilet training, estimation etc.) 5. Problem behaviour: To understand the definition of problem behaviour and the factors that contribute to it (genecic, innuat derivornmental factors), the types of aggressive behaviour, their causes (motivation) and traatment. To understand the causes of problem behavioral treatment, the types of aggressive behaviour, their causes. (motivation) and treatment. To understand the causes of problem behavioral treatment. To understand how to proceed with behavioral treatment, the types and indication methods, and pharmacotherapy in behavioral treatment. Learn about the behavioural characteristics of dogs and cats as a species, and understand the causes of problem behaviour and how to deal with and prevent it. Leson Pfan 1 Basic concepts of animal behaviour and evolution of behaviour. 2 Meaning and effects of maintenance behaviour 3	Course Period	2nd year 2nd semester	Electives 2 credits	Class format	lectu re	Con Class	urse ificati		Specialized Education [Basic Specialized Education]
 Individual maintenance behaviour. To understand feeding, diriking, defication, grooming, and self-deficience behavior, "Developmental process naisocial behaviour. To understand the developmental stages (neonatal, transition, socialization, young, mature and old) and the behavioural characteristics of each stage, reproductive, communicative, and hostile and friendly behaviour. Learning theory. To understand the formation of behavior, habituation and sensitization, classical conditioning and operant conditioning, and the factors that influence learning. Understand besic training methods (toilet training), crate training, bring ontrol, etc.) Problem behaviour. To understand the definition of problem behaviour and the factors that contribute to it (genetic, innate and environmental factors), the types of aggressive behaviour, their causes (motivation) and treatment. To understand the definition of problem behavioral treatment, the types and indications of behavior and environmental modification methods, and pharmacotherapy in behavioral treatment. Lecture Outline Learn about the behavioural characteristics of dogs and cats as a species, and understand the causes of problem behaviour and how to deal with and prevent it. Lesson Plan Social behaviour (significance of grouping, communication behaviour, developmental science in dogs and cats) Timing of behavioural expression (motivation of behaviour, developmental science in dogs and cats) Toming of behaviour appression (motivation of behaviour, developmental and acquired factors) Procedres of behaviour (caussical and operant conditioning). Methods of behaviour appression (motivation and andominal behaviour, congenital and acquired factors). Precenting theories of problem behaviour (normal and abnormal behaviour). Methods of behaviour apps and bey and the deal with their egagnessive behaviour).	Objectives 1. Basics of development brain controls	of animal behaviou), the evolution of s behaviour.	I Ir. To understand the f behaviour, adaptatic	four question on and domes	s of ani stication	mal be	haviou te beha	r (ada vior a	ptation, evolution, mechanism and and learned behavior, and how the
 4. Learning theory. To understand the formation of behavior, habituation and sensitization, classical conditioning and operant conditioning, and the factors that influence learning. Understand basic training methods (toilet training, crate training, biting control, etc.) 5. Problem behaviour. To understand the definition of problem behaviour and the factors that contribute to it (genetic, innate and environmental factors), the types of aggressive behaviour, their causes (motivation) and treatment. To understand the dates of problem behaviors related to fear and anxiety, inappropriate defecation behavior, and cognitive dysfunction in old age. a. Behavioural treatment. To understand how to proceed with behavioral treatment, the types and indications of behavior modification and environmental modifications methods, and pharmacotherapy in behavioral treatment. Lecture Outline Learn about the behavioural characteristics of dogs and cats as a species, and understand the causes of problem behaviour and how to deal with and prevent it. Lesson Plan 1 Basic concepts of animal behaviour and evolution of behaviour 2 Meaning and effects of maintenance behaviour 3 Social behaviour (significance of grouping, communication between individuals, hostile and friendly behaviour) 4 Mechanism of behavioural expression (morivation of behavior, innate behavior of search and completion) 5 Troining of behavioural treatment (counselling and consultation) 9 Definition and factors of problem behavior (normal and abnormal behaviour, congenital and acquired factors) 8 Procedures of behaviour transmit (counselling and consultation) 9 Methods of behaviour modification (e.g., desensitization, antagonistic conditioning, higher-order conditioning, etc.) 10 Aggression problems and coging attrategies (cats (e.g., conflict aggression) 14 Age-r	2. Individu 3. Develog young, matur behaviour.	al maintenance be omental process and e and old) and the	ehaviour. To understa nd social behaviour. T behavioural character	nd feeding, o o understand ristics of each	drinking l the de h stage,	g, defeo velopm reprod	cation, g nental st uctive,	groon ages comn	ning, and self-defense behavior. (neonatal, transition, socialization, nunicative, and hostile and friendly
 S. Problem behaviour. To understand the definition of problem behaviour and the factors that contribute to it (genetic, innate and environmental factors), the types of agressive behaviour, their causes (motivation) and treatment. To understand the causes of problem behaviors related to fear and anxiety, inappropriate defecation behaviour, and cognitive dysfunction in old age. 6. Behavioural treatment. To understand how to proceed with behavioral treatment, the types and indications of behavior modification and environmental modification methods, and pharmacotherapy in behavioral treatment. Lecture Outline Learn about the behavioural characteristics of dogs and cats as a species, and understand the causes of problem behaviour and how to deal with and prevent it. Lesson Plan Basic concepts of animal behaviour and evolution of behaviour? Meaning and effects of maintenance behaviour Social behaviour (significance of grouping, communication between individuals, hostile and friendly behaviour) Mechanism of behavioral expression (motivation of behaviour, innate behavior of search and completion) Timing of behaviour of problem behaviour (normal and abnormal behaviour, congenital and acquired factors) Poefinition and factors of problem behaviour (normal and abnormal behaviour, congenital and acquired factors) Poreedures of behaviour dorfincation (e.g., dessnitization, antagonistic conditioning, higher-order conditioning, etc.) O Aggression problems in dogs and how to deal with them (e.g., assertive aggression) Aggression problems and strategies (e.g., ornifict aggression) Aggression problems and strategies (e.g., ornifict aggression) Aggression problems and advance and cats and how to manage it Preventuel behavioural problems (tere-homing consultation, pupp classes, proper handling) Feedb	4. Learnin operant cond biting control	ig theory. To und itioning, and the fa l, etc.)	erstand the formation actors that influence l	n of behavio earning. Und	or, habi lerstanc	tuation l basic	and se training	ensiti g met	zation, classical conditioning and hods (toilet training, crate training,
6. Behavioural reatment. To understand how to proceed with behavioral treatment, the types and indications of behavior medification and environmental modification methods, and pharmacotherapy in behavioral treatment. Lecture Outline Learn about the behavioural characteristics of dogs and cats as a species, and understand the causes of problem behaviour and how to deal with and prevent it. Lesson Plan 1 Basic concepts of animal behaviour and evolution of behaviour 2 Meaning and effects of maintenance behaviour 3 Social behaviour (significance of grouping, communication between individuals, hostile and friendly behaviour) 4 Mechanism of behavioral expression (motivation of behavior, innate behaviour, congenital and acquired factors) 5 Timing of behavioural reatment (counselling and consultation) 9 Methods of behaviour al reatment (counselling and consultation) 9 Methods of behavioural reatment (counselling and consultation) 11 Fear/anxiety-related problem behaviour (acg, astertive aggressive behaviour) 12 Feline elimination problems and strategies (e.g., urine marking) 13 Aggression problems and coping strategies in cats (e.g., conflict aggression) 14 Age-related cognitive dysfunction in dogs and cats and how to manage it 15 Preventing behavioural problems (pre-homing consultation, pupp classes, proper handling) Feedback On Assignments (casans, reports, etc.) A quiz on the course conten	5. Problem and environm causes of pro age.	h behaviour. To une nental factors), th blem behaviors re	derstand the definitio e types of aggressive lated to fear and anxi	n of problem e behaviour, iety, inapprop	behavi their c priate d	our and auses (efecati	d the fac (motiva) on beha	ctors tion) aviou	that contribute to it (genetic, innate and treatment. To understand the r, and cognitive dysfunction in old
Lecture Outline Learn about the behavioural characteristics of dogs and cats as a species, and understand the causes of problem behaviour and how to deal with and prevent it. Lesarn Blan 1 Basic concepts of animal behaviour and evolution of behaviour 2 Meaning and effects of maintenance behaviour 3 Social behaviour (significance of grouping, communication between individuals, hostile and friendly behaviour) 4 Mechanism of behavioral expression (motivation of behavior, innate behavior of search and completion) 5 Timing of behavioural expression (periodicity, reproductive behaviour, developmental science in dogs and cats) 6 Learning theories of behaviour (classical and operant conditioning) 7 Definition and factors of problem behaviour (normal and abnormal behaviour, congenital and acquired factors) 8 Procedures of behaviour (classical and operant conditioning) 10 Aggression problems in dogs and how to deal with them (e.g., assertive aggressive behaviour) 11 Fear/anxiety-related problem behaviors in dogs and their management 12 Feline elimination problems and scrategies (e.g., urine marking) 13 Aggression problems and coping strategies in cats (e.g., conflict aggression) 14 Age-related cognitive dysfunction in dogs and cats and how to manage it 15 Preventing behavioural problems (pre-homing consultation, pupy classes, proper handling) Feedback on Assignments (exams, reports, etc.) A quiz on the course content will be given at the end of each lecture. Questions about the lecture content will be accepted after each lecture and explained in the subsequent lectures. Course Notes The class will be conducted based on handouts, power points, and videos on the Moodle system. Students are encouraged to write down important information in their notebooks and make notes in their own handwriting to consolidate their memory. You must inform the teacher of the reason for your absence. If you are absent without notifying the teacher, your grade will be deducted. Moodle will post announcements and class reference materials. Co	6. Behavio modification	oural treatment. To and environmenta	o understand how to a line modification method	proceed with ods, and phar	n behav macoth	ioral tr erapy i	eatmen n behav	t, the vioral	types and indications of behavior treatment.
Lesson Plan 1 Basic concepts of animal behaviour and evolution of behaviour 2 Meaning and effects of maintenance behaviour 3 Social behaviour (significance of grouping, communication between individuals, hostile and friendly behaviour) 4 Mechanism of behavioral expression (motivation of behavior, innate behavior of search and completion) 5 Timing of behaviour (classical and operant conditioning) 7 Definition and factors of problem behaviour (normal and abnormal behaviour, congenital and acquired factors) 8 Procedures of behaviour (classical and operant conditioning). 9 Methods of behaviour modification (e.g., desensitization, antagonistic conditioning, higher-order conditioning, etc.) 10 Aggression problems in dogs and how to deal with them (e.g., assertive aggressive behaviour) 11 Feeline elimination problems and strategies (e.g., urine marking) 13 Aggression problems and coping strategies in cats (e.g., conflict aggression) 14 Age-related cognitive dysfunction in dogs and the end of each lecture. Questions about the lecture content will be given at the end of each lecture. Questions about the lecture content will be accepted after each lecture and explained in the subsequent lectures. Course Notes Course Notes The class will be conducted based on handouts, power points, and	Lecture Ou Learn about behaviour a	tline the behavioural nd how to deal w	l characteristics of vith and prevent it.	dogs and c	ats as a	a spec	ies, an	d un	derstand the causes of problem
 Basic concepts of animal behaviour and evolution of behaviour Meaning and effects of maintenance behaviour Social behaviour (significance of grouping, communication between individuals, hostile and friendly behaviour) Mechanism of behavioural expression (periodicity, reproductive behaviour, developmental science in dogs and cats) Learning theories of behaviour (lassical and operant conditioning) Definition and factors of problem behaviour (normal and abnormal behaviour, congenital and acquired factors) Procedures of behavioural treatment (counselling and consultation) Methods of behaviour modification (e.g., desensitization, antagonistic conditioning, higher-order conditioning, etc.) Aggression problems in dogs and how to deal with them (e.g., assertive aggressive behaviour) Fear/anxiety-related problem behaviors in dogs and their management Feline elimination problems and strategies (e.g., urine marking) Aggression problems and coping strategies in cats (e.g., conflict aggression) Agg-related cognitive dysfunction in dogs and cats and how to manage it Preventing behavioural problems (pre-homing consultation, puppy classes, proper handling) Feedback on Assignments (exams, reports, etc.) A quiz on the course content will be given at the end of each lecture. Questions about the lecture content will be accepted after each lecture and explained in the subsequent lectures. Course Notes The class will be conducted based on handouts, power points, and videos on the Moodle system. Students are encouraged to write down important information in their notebooks and make notes in their own handwriting to consolidate their memory. You must inform the teacher of the reason for your absence. If you are absent without torifying the teacher, your grade will be deducted. Moodle will post announce	Lesson Plan	<u></u>	I I						
 2 Meaning and effects of maintenance behaviour 3 Social behaviour (significance of grouping, communication between individuals, hostile and friendly behaviour) 4 Mechanism of behavioral expression (motivation of behavior, innate behavior of search and completion) 5 Timing of behavioural expression (periodicity, reproductive behaviour, developmental science in dogs and cats) 6 Learning theories of behaviour (classical and operant conditioning) 7 Definition and factors of problem behaviour (normal and abnormal behaviour, congenital and acquired factors) 8 Procedures of behaviour altreatment (counselling and consultation) 9 Methods of behaviour modification (e.g., desensitization, antagonistic conditioning, higher-order conditioning, etc.) 10 Aggression problems in dogs and how to deal with them (e.g., assertive aggressive behaviour) 11 Fear/anxiety-related problem behaviors in dogs and their management 12 Feline elimination problems and strategies (e.g., urine marking) 13 Aggression problems and coping strategies in cats (e.g., conflict aggression) 14 Age-related cognitive dysfunction in dogs and their management 15 Preventing behavioral aproblems (pre-homing consultation, puppy classes, proper handling) Feedback on Assignments (exams, reports, etc.) A quiz on the course content will be given at the end of each lecture. Questions about the lecture content will be accepted after each lecture and explained in the subsequent lectures. Course Notes The class will be conducted based on handouts, power points, and videos on the Moodle system. Students are encouraged to write down important information in their notebooks and make notes in their own handwriting to consolidate their memory. You must inform the teacher of the reason for your absence. If you are absent without notifying the t	1 Basic co	oncepts of animal	behaviour and evol	ution of beh	naviour				
 3 Social behaviour (significance of grouping, communication between individuals, hostile and friendly behaviour) 4 Mechanism of behavioral expression (motivation of behavior, innate behavior of search and completion) 5 Timing of behavioural expression (periodicity, reproductive behaviour, developmental science in dogs and cats) 6 Learning theories of behaviour (classical and operant conditioning) 7 Definition and factors of problem behaviour (normal and abnormal behaviour, congenital and acquired factors) 8 Procedures of behavioural treatment (counselling and consultation) 9 Methods of behaviour modification (e.g., desensitization, natagonistic conditioning, higher-order conditioning, etc.) 10 Aggression problems in dogs and how to deal with them (e.g., assertive aggressive behaviour) 11 Fear/anxiety-related problem behaviors in dogs and their management 12 Feline elimination problems and strategies (e.g., urine marking) 13 Aggression problems and coping strategies in cats (e.g., conflict aggression) 14 Age-related cognitive dysfunction in dogs and cats and how to manage it 15 Preventing behavioral problems (pre-homing consultation, puppy classes, proper handling) Feedback on Assignments (exams, reports, etc.) A quiz on the course content will be given at the end of each lecture. Questions about the lecture content will be accepted after each lecture and explained in the subsequent lectures. Course Notes The class will be conducted based on handouts, power points, and videos on the Moodle system. Students are encouraged to write down important information in their notebooks and make notes in their own handwriting to consolidate their memory. You must inform the teacher of the reason for your absence. If you are absent without notifying the teacher, your grade will be deducted. Moodle will pos	2 Meanin	g and effects of n	naintenance behavio	ur					
 4 Mechanism of behavioral expression (motivation of behavior, innate behavior of search and completion) 5 Timing of behavioural expression (periodicity, reproductive behaviour, developmental science in dogs and cats) 6 Learning theories of behaviour (classical and operant conditioning) 7 Definition and factors of problem behaviour (normal and abnormal behaviour, congenital and acquired factors) 8 Procedures of behaviour modification (e.g., desensitization, antagonistic conditioning, higher-order conditioning, etc.) 10 Aggression problems in dogs and how to deal with them (e.g., assertive aggressive behaviour) 11 Fear/anxiety-related problem behaviors in dogs and their management 12 Feline elimination problems and strategies (e.g., urine marking) 13 Aggression problems and coping strategies in cats (e.g., conflict aggression) 14 Age-related cognitive dysfunction in dogs and cats and how to manage it 15 Preventing behavioural problems (pre-homing consultation, puppy classes, proper handling) Feedback on Assignments (exams, reports, etc.) A quiz on the course content will be given at the end of each lecture. Questions about the lecture content will be accepted after each lecture and explained in the subsequent lectures. Course Notes The class will be conducted based on handouts, power points, and videos on the Moodle system. Students are encouraged to write down important information in their notebooks and make notes in their own handwriting to consolidate their memory. You must inform the teacher of the reason for your absence. If you are absent without notifying the teacher, your grade will be deducted. Moodle and understand the meaning of technical terms. After class: Write down the important points explained in the lecture in your notebook. Reread the handouts. Evaluation Method (including evaluation cri	3 Social b	ehaviour (signifi	cance of grouping, c	communicati	ion bet	ween i	ndividu	ials, I	hostile and friendly behaviour)
 5 Timing of behavioural expression (periodicity, reproductive behaviour, developmental science in dogs and cats) 6 Learning theories of behaviour (classical and operant conditioning) 7 Definition and factors of problem behaviour (normal and abnormal behaviour, congenital and acquired factors) 8 Procedures of behavioural treatment (counselling and consultation) 9 Methods of behaviour modification (e.g., desensitization, antagonistic conditioning, higher-order conditioning, etc.) 10 Aggression problems in dogs and how to deal with them (e.g., assertive aggressive behaviour) 11 Fear/anxiety-related problem behaviors in dogs and their management 12 Feline elimination problems and strategies (e.g., urine marking) 13 Aggression problems and coping strategies in cats (e.g., conflict aggression) 14 Age-related cognitive dysfunction in dogs and cats and how to manage it 15 Preventing behavioural problems (pre-homing consultation, puppy classes, proper handling) Feedback on Assignments (exams, reports, etc.) A quiz on the course content will be given at the end of each lecture. Questions about the lecture content will be accepted after each lecture and explained in the subsequent lectures. Course Notes The class will be conducted based on handouts, power points, and videos on the Moodle system. Students are encouraged to write down important information in their notebooks and make notes in their own handwriting to consolidate their memory. You must inform the teacher of the reason for your absence. If you are absent without notifying the teacher, your grade will be deducted. Moodle will post announcements and class reference materials. Contents of Prior and Post-learning (preparation and review) Prior study: Read the material for the next class on Moodle and understand the meaning of technical terms.<!--</td--><td>4 Mechan</td><td>ism of behaviora</td><td>l expression (motiva</td><td>ation of beha</td><td>avior. ii</td><td>inate b</td><td>ehavio</td><td>r of s</td><td>search and completion)</td>	4 Mechan	ism of behaviora	l expression (motiva	ation of beha	avior. ii	inate b	ehavio	r of s	search and completion)
 b inling theories of behaviour (classical and operant conditioning) Pefinition and factors of problem behaviour (normal and abnormal behaviour, congenital and acquired factors) Procedures of behaviour al treatment (counselling and consultation) Methods of behaviour modification (e.g., desensitization, antagonistic conditioning, higher-order conditioning, etc.) Aggression problems in dogs and how to deal with them (e.g., assertive aggressive behaviour) Feat/anxiety-related problem behaviors in dogs and their management Feline elimination problems and strategies (e.g., urine marking) Aggression problems and coping strategies in cats (e.g., conflict aggression) Aggression problems and coping strategies in cats (e.g., conflict aggression) Aggression problems (pre-homing consultation, puppy classes, proper handling) Feedback on Assignments (exams, reports, etc.) A quiz on the course content will be given at the end of each lecture. Questions about the lecture content will be accepted after each lecture and explained in the subsequent lectures. Course Notes The class will be conducted based on handouts, power points, and videos on the Moodle system. Students are encouraged to write down important information in their notebooks and make notes in their own handwriting to consolidate their memory. You must inform the teacher of the reason for your absence. If you are absent without notifying the teacher, your grade will be deducted. Moodle will post announcements and class reference materials. Contents of Prior and Post-learning (preparation and review) Prior study: Read the material for the next class on Moodle and understand the meaning of technical terms. After class: Write down the important points explained in the lecture in your notebook. Reread the handouts. Evaluation Method (including evaluat	5 Timing	of behavioural ex	pression (periodicit	v reproduct	ive beł	aviou	· devel	onme	ental science in dogs and cats)
 be before of performing decrets of problem behaviour (normal and abnormal) Definition and factors of problem behaviour (normal and abnormal behaviour, congenital and acquired factors) Procedures of behaviour modification (e.g., desensitization, antagonistic conditioning, higher-order conditioning, etc.) Methods of behaviour modification (e.g., desensitization, antagonistic conditioning, higher-order conditioning, etc.) Aggression problems in dogs and how to deal with them (e.g., assertive aggressive behaviour) If Fear/anxiety-related problem behaviors in dogs and their management Feline elimination problems and strategies (e.g., urine marking) Aggression problems and coping strategies in cats (e.g., conflict aggression) Aggression problems and coping strategies in cats (e.g., conflict aggression) Age-related cognitive dysfunction in dogs and cats and how to manage it Preventing behavioural problems (pre-homing consultation, puppy classes, proper handling) Feedback on Assignments (exams, reports, etc.) A quiz on the course content will be given at the end of each lecture. Questions about the lecture content will be accepted after each lecture and explained in the subsequent lectures. Course Notes The class will be conducted based on handouts, power points, and videos on the Moodle system. Students are encouraged to write down important information in their notebooks and make notes in their own handwriting to consolidate their memory. You must inform the teacher of the reason for your absence. If you are absent without notifying the teacher, your grade will be deducted. Moodle will post announcements and class reference materials. Contents of Prior and Post-learning (preparation and review) Prior study: Read the material for the next class on Moodle and understand the meaning of technical terms. After class: Write down the important points explained in	6 Learnin	g theories of beh	aviour (classical and	operant cou	ndition	no)	,	opin	shull selence in dogs and eats)
 Porticity in the factor problem to the four float man and consultance in the factor for the factor of problem in the factor of problem in the factor of problem in the factor of the fa	7 Definiti	on and factors of	nrohlem behaviour	(normal and	labnor	mg) mal he	haviou	r cor	genital and acquired factors)
 Nethods of behaviour modification (e.g., desensitization, antagoni) Methods of behaviour modification (e.g., desensitization, antagonistic conditioning, higher-order conditioning, etc.) Aggression problems in dogs and how to deal with them (e.g., assertive aggressive behaviour) Fear/anxiety-related problem behaviors in dogs and their management Feline elimination problems and strategies (e.g., urine marking) Aggression problems and coping strategies in cats (e.g., conflict aggression) Aggression problems and coping strategies in cats (e.g., conflict aggression) Aggression problems (pre-homing consultation, puppy classes, proper handling) Feedback on Assignments (exams, reports, etc.) A quiz on the course content will be given at the end of each lecture. Questions about the lecture content will be accepted after each lecture and explained in the subsequent lectures. Course Notes The class will be conducted based on handouts, power points, and videos on the Moodle system. Students are encouraged to write down important information in their notebooks and make notes in their own handwriting to consolidate their memory. You must inform the teacher of the reason for your absence. If you are absent without notifying the teacher, your grade will be deducted. Moodle will post announcements and class reference materials. Contents of Prior and Post-learning (preparation and review) Prior study: Read the material for the next class on Moodle and understand the meaning of technical terms. After class: Write down the important points explained in the lecture in your notebook. Reread the handouts. Evaluation Method (including evaluation criteria) Comprehensive evaluation based on the end-of-term exam (60%) and class participation (40%). Textbook Symbystaming and the end of the example (as any the point of the symbol of the symbol of the symbol of the symbo	8 Procedu	ures of behaviour	al treatment (course	lling and co	nsultati	on)	naviou	1, 001	igenitar and acquired factors)
 9 Methods of behaviour information (e.g., desensitization, antagonistic conditioning, ingliet-order conditioning, etc.) 10 Aggression problems in dogs and how to deal with them (e.g., assertive aggressive behaviour) 11 Fear/anxiety-related problem behaviors in dogs and their management 12 Feline elimination problems and strategies (e.g., urine marking) 13 Aggression problems and coping strategies in cats (e.g., conflict aggression) 14 Age-related cognitive dysfunction in dogs and cats and how to manage it 15 Preventing behavioural problems (pre-homing consultation, puppy classes, proper handling) Feedback on Assignments (exams, reports, etc.) A quiz on the course content will be given at the end of each lecture. Questions about the lecture content will be accepted after each lecture and explained in the subsequent lectures. Course Notes The class will be conducted based on handouts, power points, and videos on the Moodle system. Students are encouraged to write down important information in their notebooks and make notes in their own handwriting to consolidate their memory. You must inform the teacher of the reason for your absence. If you are absent without notifying the teacher, your grade will be deducted. Moodle will post announcements and class reference materials. Contents of Prior and Post-learning (preparation and review) Prior study: Read the material for the next class on Moodle and understand the meaning of technical terms. After class: Write down the important points explained in the lecture in your notebook. Reread the handouts. Evaluation Method (including evaluation criteria) Comprehensive evaluation based on the end-of-term exam (60%) and class participation (40%). Textbook Setsinshaf #### 6 & fish(fish) ### 25.5 ### Bish(fish) ## 25.5 ## Bish(fish) ## 25.5 ## Bish(fish) ## 25.5 ## Bish(fish) ## 25.5 # Bish(fish) ## 25.5 # Bish(fish) ## 25.5 #	0 Mothod	a of behaviour m	al treatment (course	angitization	insuitati	oll)	aanditi	onin	higher order conditioning atc.)
10 Aggression problems in dogs and now to dear with them (e.g., assertive aggressive behaviour) 11 Fear/anxiety-related problem behaviors in dogs and their management 12 Feline elimination problems and strategies (e.g., urine marking) 13 Aggression problems and coping strategies in cats (e.g., conflict aggression) 14 Age-related cognitive dysfunction in dogs and cats and how to manage it 15 Preventing behavioural problems (pre-homing consultation, puppy classes, proper handling) Feedback on Assignments (exams, reports, etc.) A quiz on the course content will be given at the end of each lecture. Questions about the lecture content will be accepted after each lecture and explained in the subsequent lectures. Course Notes The class will be conducted based on handouts, power points, and videos on the Moodle system. Students are encouraged to write down important information in their notebooks and make notes in their own handwriting to consolidate their memory. You must inform the teacher of the reason for your absence. If you are absent without notifying the teacher, your grade will be deducted. Moodle will post announcements and class reference materials. Contents of Prior and Post-learning (preparation and review) Prior study: Read the material for the next class on Moodle and understand the meaning of technical terms. After class: Write down the important points explained in the lecture in your notebook. Reread the handouts. Evaluation Method (including evaluation criteria) Comprehensive evaluation based on the end-of-term exam (60%) and class participation (40%). Textbook <u></u> @cmprehensive evaluation based on the end-of-term exam (60%) and class participation (40%). Textbook <u></u> @cmprehensive evaluation based on the end-of-term exam (60%) and class participation (40%). Textbook <u></u> @cmprehensive evaluation based on the end-of-term exam (60%) and class participation (40%). Textbook <u></u> @cmprehensive evaluation based on the end-of-term exam (60%) and class participation (40%).		s of Defiaviour file	daga and how to dag	elisitization,	antago		conditi	onni	g, ingher-order conditioning, etc.)
11 Fedrahxiety-related problem behaviors in dogs and their management 12 Feline elimination problems and strategies (e.g., urine marking) 13 Aggression problems and coping strategies in cats (e.g., conflict aggression) 14 Age-related cognitive dysfunction in dogs and cats and how to manage it 15 Preventing behavioural problems (pre-homing consultation, puppy classes, proper handling) Feedback on Assignments (exams, reports, etc.) A quiz on the course content will be given at the end of each lecture. Questions about the lecture content will be accepted after each lecture and explained in the subsequent lectures. Course Notes The class will be conducted based on handouts, power points, and videos on the Moodle system. Students are encouraged to write down important information in their notebooks and make notes in their own handwriting to consolidate their memory. You must inform the teacher of the reason for your absence. If you are absent without notifying the teacher, your grade will be deducted. Moodle will post announcements and class reference materials. Contents of Prior and Post-learning (preparation and review) Prior study: Read the material for the next class on Moodle and understand the meaning of technical terms. After class: Write down the important points explained in the lecture in your notebook. Reread the handouts. Evaluation Method (including evaluation criteria) Comprehensive evaluation based on the end-of-term exam (60%) and class participation (40%). Textbook 愛玩動物看護師カリキュラム準拠 6 卷 「動物行動学/愛玩動物学/比較動物学] エデュワードプレス Reference Books, Teaching Materials, etc.	10 Aggress	sion problems in (dogs and now to dea	u with them	(e.g., a	sseruv	e aggre	essiv	e benaviour)
12 Feine einmation problems and strategies (e.g., unne marking) 13 Aggression problems and coping strategies in cats (e.g., conflict aggression) 14 Age-related cognitive dysfunction in dogs and cats and how to manage it 15 Preventing behavioural problems (pre-homing consultation, puppy classes, proper handling) Feedback on Assignments (exams, reports, etc.) A quiz on the course content will be given at the end of each lecture. Questions about the lecture content will be accepted after each lecture and explained in the subsequent lectures. Course Notes The class will be conducted based on handouts, power points, and videos on the Moodle system. Students are encouraged to write down important information in their notebooks and make notes in their own handwriting to consolidate their memory. You must inform the teacher of the reason for your absence. If you are absent without notifying the teacher, your grade will be deducted. Moodle will post announcements and class reference materials. Contents of Prior and Post-learning (preparation and review) Prior study: Read the material for the next class on Moodle and understand the meaning of technical terms. After class: Write down the important points explained in the lecture in your notebook. Reread the handouts. Evaluation Method (including evaluation criteria) Comprehensive evaluation based on the end-of-term exam (60%) and class participation (40%). Textbook 愛玩動物看護師カリキュラム準拠 6 巻「動物行動学/愛玩動物学/比較動物学」エデュワードプレス Reference Books, Teaching Materials, etc. 歐医学教育モデル・コア・カリキュラム準拠 臨床行動学 (森裕司, 他著) インターズー	11 Fear/an	xiety-related prot	blem behaviors in do	bgs and their	manag	gement	Į.		
13 Aggression problems and coping strategies in cats (e.g., conflict aggression) 14 Age-related cognitive dysfunction in dogs and cats and how to manage it 15 Preventing behavioural problems (pre-homing consultation, puppy classes, proper handling) Feedback on Assignments (exams, reports, etc.) A quiz on the course content will be given at the end of each lecture. Questions about the lecture content will be accepted after each lecture and explained in the subsequent lectures. Course Notes The class will be conducted based on handouts, power points, and videos on the Moodle system. Students are encouraged to write down important information in their notebooks and make notes in their own handwriting to consolidate their memory. You must inform the teacher of the reason for your absence. If you are absent without notifying the teacher, your grade will be deducted. Moodle will post announcements and class reference materials. Contents of Prior and Post-learning (preparation and review) Prior study: Read the material for the next class on Moodle and understand the meaning of technical terms. After class: Write down the important points explained in the lecture in your notebook. Reread the handouts. Evaluation Method (including evaluation criteria) Comprehensive evaluation based on the end-of-term exam (60%) and class participation (40%). Textbook 愛玩動物看護師カリキュラム準拠 6 巻「動物行動学/愛玩動物学/比較動物学」エデュワードプレス Reference Books, Teaching Materials, etc. 獣医学教育モデル・コア・カリキュラム準拠 臨床行動学 (森裕司、他著) インターズー	12 Feline e	imination proble	ems and strategies (e	e.g., urine m	arking)		(anion)		
14 Age-related cognitive dystunction in dogs and cats and now to manage it 15 Preventing behavioural problems (pre-homing consultation, puppy classes, proper handling) Feedback on Assignments (exams, reports, etc.) A quiz on the course content will be given at the end of each lecture. Questions about the lecture content will be accepted after each lecture and explained in the subsequent lectures. Course Notes The class will be conducted based on handouts, power points, and videos on the Moodle system. Students are encouraged to write down important information in their notebooks and make notes in their own handwriting to consolidate their memory. You must inform the teacher of the reason for your absence. If you are absent without notifying the teacher, your grade will be deducted. Moodle will post announcements and class reference materials. Contents of Prior and Post-learning (preparation and review) Prior study: Read the material for the next class on Moodle and understand the meaning of technical terms. After class: Write down the important points explained in the lecture in your notebook. Reread the handouts. Evaluation Method (including evaluation criteria) Comprehensive evaluation based on the end-of-term exam (60%) and class participation (40%). Textbook gfts動物看護師カリキュラム準拠 6 巻「動物行動学/愛玩動物学/比較動物学] エデュワードプレス Reference Books, Teaching Materials, etc. 獣医学教育モデル・コア・カリキュラム準拠 臨床行動学 (森裕司、他著) インターズー	15 Aggress	sion problems and	a coping strategies in	n cats (e.g.,	conflic	t aggre	ession)		
T5 Preventing behavioural problems (pre-nonling constitution, puppy classes, proper handning) Feedback on Assignments (exams, reports, etc.) A quiz on the course content will be given at the end of each lecture. Questions about the lecture content will be accepted after each lecture and explained in the subsequent lectures. Course Notes The class will be conducted based on handouts, power points, and videos on the Moodle system. Students are encouraged to write down important information in their notebooks and make notes in their own handwriting to consolidate their memory. You must inform the teacher of the reason for your absence. If you are absent without notifying the teacher, your grade will be deducted. Moodle will post announcements and class reference materials. Contents of Prior and Post-learning (preparation and review) Prior study: Read the material for the next class on Moodle and understand the meaning of technical terms. After class: Write down the important points explained in the lecture in your notebook. Reread the handouts. Evaluation Method (including evaluation criteria) Comprehensive evaluation based on the end-of-term exam (60%) and class participation (40%). Textbook 愛玩動物看護師カリキュラム準拠 6 巻「動物行動学/愛玩動物学/比較動物学] エデュワードプレス Reference Books, Teaching Materials, etc. 獣医学教育モデル・コア・カリキュラム準拠 臨床行動学 (森裕司、他著) インターズー	14 Age-rei	ing heheviourel n	siunction in dogs an	ia cais and n		nanag			(hondling)
A quiz on the course content will be given at the end of each lecture. Questions about the lecture content will be accepted after each lecture and explained in the subsequent lectures. Course Notes The class will be conducted based on handouts, power points, and videos on the Moodle system. Students are encouraged to write down important information in their notebooks and make notes in their own handwriting to consolidate their memory. You must inform the teacher of the reason for your absence. If you are absent without notifying the teacher, your grade will be deducted. Moodle will post announcements and class reference materials. Contents of Prior and Post-learning (preparation and review) Prior study: Read the material for the next class on Moodle and understand the meaning of technical terms. After class: Write down the important points explained in the lecture in your notebook. Reread the handouts. Evaluation Method (including evaluation criteria) Comprehensive evaluation based on the end-of-term exam (60%) and class participation (40%). Textbook 愛玩動物看護師カリキュラム準拠 6 巻「動物行動学/愛玩動物学/比較動物学」エデュワードプレス Reference Books, Teaching Materials, etc. 獣医学教育モデル・コア・カリキュラム準拠 臨床行動学 (森裕司、他著) インターズー	15 Prevent	ing benavioural p	problems (pre-nomin	ig consultati	on, pup	py cla	isses, p	roper	nandling)
A quiz on the course content will be given at the end of each lecture. Questions about the lecture content will be accepted after each lecture and explained in the subsequent lectures. Course Notes The class will be conducted based on handouts, power points, and videos on the Moodle system. Students are encouraged to write down important information in their notebooks and make notes in their own handwriting to consolidate their memory. You must inform the teacher of the reason for your absence. If you are absent without notifying the teacher, your grade will be deducted. Moodle will post announcements and class reference materials. Contents of Prior and Post-learning (preparation and review) Prior study: Read the material for the next class on Moodle and understand the meaning of technical terms. After class: Write down the important points explained in the lecture in your notebook. Reread the handouts. Evaluation Method (including evaluation criteria) Comprehensive evaluation based on the end-of-term exam (60%) and class participation (40%). Textbook Guise Materials, etc. Wite State of the set of the reason for your absence. If you are absent without notifying the teacher, your grade will be deducted. Moodle will post announcements and class reference materials. Contents of Prior and Post-learning (preparation and review) Prior study: Read the material for the next class on Moodle and understand the meaning of technical terms. After class: Write down the important points explained in the lecture in your notebook. Reread the handouts. Evaluation Method (including evaluation criteria) Comprehensive evaluation based on the end-of-term exam (60%) and class participation (40%). Textbook Guise of the set of the	Feedback of	n Assignments (e	exams, reports, etc.)	1 1		· · ·		· · · · · · · · · · · · · · · · · · ·
accepted after each lecture and explained in the subsequent lectures. Course Notes The class will be conducted based on handouts, power points, and videos on the Moodle system. Students are encouraged to write down important information in their notebooks and make notes in their own handwriting to consolidate their memory. You must inform the teacher of the reason for your absence. If you are absent without notifying the teacher, your grade will be deducted. Moodle will post announcements and class reference materials. Contents of Prior and Post-learning (preparation and review) Prior study: Read the material for the next class on Moodle and understand the meaning of technical terms. After class: Write down the important points explained in the lecture in your notebook. Reread the handouts. Evaluation Method (including evaluation criteria) Comprehensive evaluation based on the end-of-term exam (60%) and class participation (40%). Textbook 愛玩動物看護師カリキュラム準拠 6 巻「動物行動学/愛玩動物学/比較動物学」エデュワードプレス Reference Books, Teaching Materials, etc. 獣医学教育モデル・コア・カリキュラム準拠 臨床行動学 (森裕司、他著) インターズー	A quiz on th	ne course conten	it will be given at the	he end of ea	ach lec	ture. (Questic	ons a	bout the lecture content will be
The class will be conducted based on handouts, power points, and videos on the Moodle system. Students are encouraged to write down important information in their notebooks and make notes in their own handwriting to consolidate their memory. You must inform the teacher of the reason for your absence. If you are absent without notifying the teacher, your grade will be deducted. Moodle will post announcements and class reference materials. Contents of Prior and Post-learning (preparation and review) Prior study: Read the material for the next class on Moodle and understand the meaning of technical terms. After class: Write down the important points explained in the lecture in your notebook. Reread the handouts. Evaluation Method (including evaluation criteria) Comprehensive evaluation based on the end-of-term exam (60%) and class participation (40%). Textbook 愛玩動物看護師カリキュラム準拠 6 巻「動物行動学/愛玩動物学/比較動物学」エデュワードプレス Reference Books, Teaching Materials, etc. 歐医学教育モデル・コア・カリキュラム準拠 臨床行動学 (森裕司、他著) インターズー	accepted aft	er each lecture a	ind explained in the	subsequen	t lectur	es.			
The class will be conducted based on handouts, power points, and videos on the Moodle system. Students are encouraged to write down important information in their notebooks and make notes in their own handwriting to consolidate their memory. You must inform the teacher of the reason for your absence. If you are absent without notifying the teacher, your grade will be deducted. Moodle will post announcements and class reference materials. Contents of Prior and Post-learning (preparation and review) Prior study: Read the material for the next class on Moodle and understand the meaning of technical terms. After class: Write down the important points explained in the lecture in your notebook. Reread the handouts. Evaluation Method (including evaluation criteria) Comprehensive evaluation based on the end-of-term exam (60%) and class participation (40%). Textbook 愛玩動物看護師カリキュラム準拠 6 巻「動物行動学/愛玩動物学/比較動物学」エデュワードプレス Reference Books, Teaching Materials, etc. 獣医学教育モデル・コア・カリキュラム準拠 臨床行動学 (森裕司、他著) インターズー	Course Not	es					-		
encouraged to write down important information in their notebooks and make notes in their own handwriting to consolidate their memory. You must inform the teacher of the reason for your absence. If you are absent without notifying the teacher, your grade will be deducted. Moodle will post announcements and class reference materials. Contents of Prior and Post-learning (preparation and review) Prior study: Read the material for the next class on Moodle and understand the meaning of technical terms. After class: Write down the important points explained in the lecture in your notebook. Reread the handouts. Evaluation Method (including evaluation criteria) Comprehensive evaluation based on the end-of-term exam (60%) and class participation (40%). Textbook 愛玩動物看護師カリキュラム準拠 6巻「動物行動学/愛玩動物学/比較動物学」エデュワードプレス Reference Books, Teaching Materials, etc. 歐医学教育モデル・コア・カリキュラム準拠 臨床行動学 (森裕司、他著) インターズー	The class w	ill be conducted	d based on handou	ts, power p	oints,	and vi	deos o	on the	e Moodle system. Students are
consolidate their memory. You must inform the teacher of the reason for your absence. If you are absent without notifying the teacher, your grade will be deducted. Moodle will post announcements and class reference materials. Contents of Prior and Post-learning (preparation and review) Prior study: Read the material for the next class on Moodle and understand the meaning of technical terms. After class: Write down the important points explained in the lecture in your notebook. Reread the handouts. Evaluation Method (including evaluation criteria) Comprehensive evaluation based on the end-of-term exam (60%) and class participation (40%). Textbook 愛玩動物看護師カリキュラム準拠 6 巻「動物行動学/愛玩動物学/比較動物学」エデュワードプレス Reference Books, Teaching Materials, etc. 獣医学教育モデル・コア・カリキュラム準拠 臨床行動学 (森裕司、他著) インターズー	encouraged	to write down in	mportant information	on in their	notebo	oks ar	id mak	e no	tes in their own handwriting to
notifying the teacher, your grade will be deducted. Moodle will post announcements and class reference materials. Contents of Prior and Post-learning (preparation and review) Prior study: Read the material for the next class on Moodle and understand the meaning of technical terms. After class: Write down the important points explained in the lecture in your notebook. Reread the handouts. Evaluation Method (including evaluation criteria) Comprehensive evaluation based on the end-of-term exam (60%) and class participation (40%). Textbook 愛玩動物看護師カリキュラム準拠 6 巻「動物行動学/愛玩動物学/比較動物学」エデュワードプレス Reference Books, Teaching Materials, etc. 獣医学教育モデル・コア・カリキュラム準拠 臨床行動学 (森裕司、他著) インターズー	consolidate	their memory. Y	ou must inform the	e teacher of	the re	ason f	or you	r abs	ence. If you are absent without
Contents of Prior and Post-learning (preparation and review)Prior study: Read the material for the next class on Moodle and understand the meaning of technical terms. After class: Write down the important points explained in the lecture in your notebook. Reread the handouts.Evaluation Method (including evaluation criteria)Comprehensive evaluation based on the end-of-term exam (60%) and class participation (40%).Textbook愛玩動物看護師カリキュラム準拠6巻「動物行動学/愛玩動物学/比較動物学」エデュワードプレスReference Books, Teaching Materials, etc.獣医学教育モデル・コア・カリキュラム準拠 臨床行動学 (森裕司、他著) インターズー	notifying the	e teacher, your g	rade will be deduct	ed. Moodle	will p	ost ani	nounce	men	ts and class reference materials.
Prior study: Read the material for the next class on Moodle and understand the meaning of technical terms. After class: Write down the important points explained in the lecture in your notebook. Reread the handouts. Evaluation Method (including evaluation criteria) Comprehensive evaluation based on the end-of-term exam (60%) and class participation (40%). Textbook 愛玩動物看護師カリキュラム準拠6巻「動物行動学/愛玩動物学/比較動物学」エデュワードプレス Reference Books, Teaching Materials, etc. 獣医学教育モデル・コア・カリキュラム準拠 臨床行動学 (森裕司、他著) インターズー	Contents of	Prior and Post-	learning (preparati	ion and revi	iew)				
After class: Write down the important points explained in the lecture in your notebook. Reread the handouts. Evaluation Method (including evaluation criteria) Comprehensive evaluation based on the end-of-term exam (60%) and class participation (40%). Textbook 愛玩動物看護師カリキュラム準拠 6 巻「動物行動学/愛玩動物学/比較動物学」エデュワードプレス Reference Books, Teaching Materials, etc. 獣医学教育モデル・コア・カリキュラム準拠 臨床行動学 (森裕司、他著) インターズー	Prior study:	Read the materi	al for the next class	s on Moodle	e and u	nderst	and the	e me	aning of technical terms.
Evaluation Method (including evaluation criteria) Comprehensive evaluation based on the end-of-term exam (60%) and class participation (40%). Textbook 愛玩動物看護師カリキュラム準拠6巻「動物行動学/愛玩動物学/比較動物学」エデュワードプレス Reference Books, Teaching Materials, etc. 獣医学教育モデル・コア・カリキュラム準拠 臨床行動学 (森裕司、他著) インターズー	After class:	Write down the	important points ex	plained in t	the lect	ure in	your n	oteb	ook. Reread the handouts.
Comprehensive evaluation based on the end-of-term exam (60%) and class participation (40%). Textbook 愛玩動物看護師カリキュラム準拠6巻「動物行動学/愛玩動物学/比較動物学」エデュワードプレス Reference Books, Teaching Materials, etc. 獣医学教育モデル・コア・カリキュラム準拠 臨床行動学 (森裕司、他著) インターズー	Evaluation	Method (includi	ng evaluation crite	ria)					
Textbook 愛玩動物看護師カリキュラム準拠6巻「動物行動学/愛玩動物学/比較動物学」エデュワードプレス Reference Books, Teaching Materials, etc. 獣医学教育モデル・コア・カリキュラム準拠臨床行動学 (森裕司、他著) インターズー	Comprehens	ive evaluation ba	sed on the end-of-te	rm exam (6	0%) an	d class	s partic	ipatic	on (40%).
愛玩動物看護師カリキュラム準拠6巻「動物行動学/愛玩動物学/比較動物学」エデュワードプレス Reference Books, Teaching Materials, etc. 獣医学教育モデル・コア・カリキュラム準拠 臨床行動学 (森裕司、他著)インターズー	Textbook								
Reference Books, Teaching Materials, etc. 獣医学教育モデル・コア・カリキュラム準拠 臨床行動学 (森裕司、他著) インターズー	愛玩動物看護	師カリキュラム準	趣6巻「動物行動学	/愛玩動物学	≠∕比較	動物学	リエデ	ュワー	ードプレス
	Reference B 獣医学教育モ	Books, Teaching デル・コア・カリ	Materials, etc. キュラム準拠 臨床行	「動学 (森裕	词、他	著) イ	ンターン	ズー	

Course		Animal Genetic	Ś					ISHIKAWA Makiko		
Course Period	1st year, 2nd semester	Required subject 2 credits	Class format	lectu re	Cou Class 0	ırse ificati n	S	Specialized Education [Basic Specialized Education]		
Objectives				i			i			
Taking hun conventiona genetics in a Animal Nur	Taking humans, and animals closely related to humans, as examples, students will systematically learn conventional genetics centered on Mendelian genetics, new genetics centered on molecular genetics, and applied genetics in actual use. The goal of this course is to acquire the basic knowledge of animal genetics required for the Animal Nursing and Animal Human Relations majors.									
Lecture Out	line									
Genetics is genetics has molecular an	an important fiels been establish nd population ge	ld of life science. F ed as a theoretical enetics. In this lectu	From the ac ly structur re, we will	cumul ed dis explai	ation of cipline in the line i	of clas with basic c	sical the conce	empirical laws, the concept of recent remarkable progress in ppts of genetics with a focus on		
Mendelian	genetics. We w	ill also introduce	the relation	nship	betwee	en con	ivent	ional Mendelian genetics and		
molecular g	enetics, explain	now these are used	in laborator	ry anin	nais, 11	ndustri	al an	limals, and companion animals,		
and now ger	ieucs is related t	o reproductive scien	nce and ger	ietic ei	iginee	ring.				
Lesson Plan1Genetic2Basic La3Basic La4Structur5Structur6Chromo7Linkage8Genetic9Mutatio10Sex-Lin11Populati12Inheritati13Natural14Genetic15SummatiFeedback onFeedback onCourse NoteIt is recomm	and how genetics is related to reproductive science and genetic engineering. esson Plan 1 1 Genetics Around Us 2 Basic Laws of Heredity (1) Mendel's Laws 3 Basic Laws of Heredity (2) Extension of Mendel's Laws 4 Structure and Function of Genes (1) Structure of DNA 5 Structure and Function of Genes (2) Gene Duplication and Information Transmission 6 Chromosomes 7 Linkage 8 Genetic Map 9 Mutation 0 Sex-Linked Inheritance 11 Population Genetics 12 Inheritance of Quantitative Traits 13 Natural Selection 14 Genetics and Evolution 15 Summary of the Class, Examination reedback on Assignments (exams, reports, etc.) eedback on quizzes, reports and questions will be given in the lecture.									
Contents of	Prior and Post-l	earning (preparation	on and revi	iew)						
Review the	handouts in the c	class to deepen your	understan	ding ar	nd prej	pare fo	r the	next class.		
Evaluation	Nethod (including evaluation criteria)									
The overall	erall evaluation will be based on quizzes (40%) and examinations (including reports, 60%) at each class.									
Textbook										
カラー図解 講談社ブル	カラー図解 進化の教科書 第2巻 進化の理論, 2017年, カール・ジンマー, ダグラス・J・エムレン著, 講談社ブルーバックス									
Reference B Reference b	ooks, Teaching I ooks will be intr	Materials, etc. oduced in the lectur	re.							

Course		Theriogenolog	gy				MURAKAMI Takahiro
Course Period	3rd year, 2nd semester	Required subject 2 credits	Class format	lecture	Co Cla a	ourse assific tion	Specialized Education [Basic Specialized Education]
Objectives	1			1			
Reproduction objective of	on is one of the this course is to	most essential part understand the fund	of animals damentals o	' life and	l it a ucti	also rel ve proc	ates to evolution history. The main cesses.
Lecture Ou In this cour implantation evolution. T to understar	tline rse, students wi n, pregnancy an l'hus, students wi nd behavior, phys	Il learn morpholog d parturition. Repr Il learn the effects o sics, and morpholog	y of repro oduction is f reproduct gy relate to	ductive an imp ion on an reproduc	orga orta nima tion	ans, ma nt prod l behav	echanisms of animal reproduction, cess for animal behavior and their vior and evolution. Students are able
Lesson Plan	1						
1 What is	s reproduction? F	Relationships betwe	en reprodu	ction and	levo	olution	
2 Genetic	es basis for under	rstanding reproduct	ion				
3 Genetic	e mechanisms an	d recent knowledge	and techno	ologies			
4 Genetic	c diseases and de	velopmental disord	ers				
5 Morpho	ology and function	on of reproductive of	organs				
6 Control	l of reproductive	functions by sex-he	ormones				
7 Sexual	maturity and sig	ns of estrus, mechai	nisms of ov	ulation			
8 Sexual	cycle, vaginal sr	near test, and optim	al mating t	ime			
9 Ovum,	sperm and fertili	zation	U				
10 Implant	tation. developm	ent, pregnancy and	placenta				
11 Parturit	tion, spaving, net	itering and artificia	l inseminat	ion			
12 Neonat	al care. lactation	and development of	of newborns	5			
13 Reprod	uctive physiolog	v of farm animals					
14 Reprod	luctive physiolog	y of wildlife					
15 Summa	ary of theriogeno	logy					
Feedback o	n Assignments (e	exams. reports. etc.)				
A quiz will b class.	be given in each c	lass, and explanation	ns, response	es and cor	nme	ents of t	he quiz will be given at the following
Course Not	es	ts have learned hasi	c constice a	nd ambra	70100	TX <i>I</i>	
Contents of	Prior and Post-	learning (preparati	on and revi	iew)	/010	gy	
Prior learnin	ng: Before each cl	ass, check the basic	knowledge	and keyw	ord	s.	
Post-lesson s	study: After each Mothod (includi	class, students shoul	d review es	sential pa	arts o	of the le	ecture
The overall	evaluation will be	e based on the result	s of 20% of	class par	ticir	pation, 8	80% of written examinations (50% of
regular exan	ninations and 30%	6 of quizzes).		-	-		
Textbook 動物看護士 ードプレス Animal Nurs	教育コアカリキ . Basic Animal 1 sing Education 20	・ュラム 2019 準拠 Nursing (1) Animal)19, Eduward press,	・基礎動物 Morphology Tokyo.	」看護学] y and The	1, eriog	動物形 genolog	態機能学・動物繁殖学, エデュワ y; following the Core Curriculum for
Reference E	Books, Teaching	Materials, etc.					
Materials wi	in be distributed i	n class as needed.					

Course	Vete	rinary Pharma	acology			TOMITA Sachiko KONDO Masahiro USHINE Nana
Course Period	2nd year 1st semester	Elective 2 credits	Class format	Lecture	Course Classific ation	Specialized Education [Specialized Subjects]
Objectives					www	
1 Basics of	of animal pharm	acology				
2 Handlir	of drugs by ar	imal nurse				
3 Drugs f	hat affect the ner	rvous system				
4. Drugs t	hat affect the res	piratory system				
5. Drugs t	hat affect the car	rdiovascular system	and urinary	v system	1	
6. Drugs t	hat affect the dig	gestive organs	•	, ,		
7. Drugs f	or autacoid, met	abolic and endocrin	e systems			
8. Drugs t	hat affect the blo	ood and immune sys	stem			
9. Drugs u	sed in the treatn	nent and prevention	of infection	us diseas	ses	
10. Drugs	used in the treat	ment of malignant	tumors			
Lecture Out	tline					
Learn about	the pharmacok	inetics and mechan	ism of action	on of typ	oical drugs,	their clinical applications and side
effects, and	understand how	they are used in the	e diagnosis	and treat	tment of an	imal diseases.
(about110 w	vords)		C			
Lesson Plan	l					
1 Fundan	nentals of Anima	al Pharmacology 1				
2 Basics	of Animal Pharn	nacology 2				
3 Basics	of animal pharm	acology 3				
4 Handlir	ng of drugs by an	nimal nurse				
5 Drugs a	cting on the ner	vous system				
6 Drugs t	hat affect the res	spiratory system				
7 Drugs a	cting on the car	diovascular and urin	nary system	S		
8 Drugs t	hat affect the ga	strointestinal tract				
9 Autacoi	d-related drugs,	steroid hormone pr	reparations			
10 Therape	eutic and prophy	lactic agents for inf	fectious dise	eases1		
II Therape	eutic and prophy	lactic agents for inf	ectious dise	eases 2		
12 Drugs f	or malignant tur	nors (antineoplastic	drugs)			
13 Drugs a	cting on the blo	od and immune syst	tem1			
14 Drugs t	hat affect the blo	bod and immune sys	stem 2			
15 Drugs a	cting on metabo	blic and endocrine s	ystems			
Feedback of	n Assignments (exams, reports, etc.) 			
Confirmatio	on quizzes are a	nswered and expla	ined in clas	is.		
Course Note	es					
A quiz will	be given after e	ach lecture. The re	sults are su	bject to	grade eval	uation.
Contents of	Prior and Post-	learning (preparati	on and revi	ew)		
Prior learnin	g: Students shoul	d prepare as much as	s possible for	r each les	sson using t	he textbook and other materials before
the lecture. P	ost-lecture study	: Review the key point	nts presente	d in the c	lass and the	confirmation test, using the handouts,
textbook, etc	., to ensure know	vledge.	• `			
Evaluation	Method (includi	ng evaluation crite	ria)	1. 6.00	o/ C 1	
Students will	be evaluated co	mprehensively based	1 on the result of the result	ilts of 20	% of class j	participation (including submission of
Teports) and	80% of written e	Xammations (30% 0	i legulai exa	unnation	lis and 50%	or quizzes).
愛玩動物看	護師カリキュラ	ラム準拠教科書 2	巻 動物病	j理学 /	動物薬理	学(日本動物保健看護系大学協会
カリキュラ	ム委員会編)エ	デュワードプレス				
Reference B	ooks, Teaching	Materials, etc.				
Materials wi	ll be distributed a	according to the lectu	ure content.			
Reference bo	ooks will be intro	duced in the lecture.				

Course	Vet	cerinary Patho	ology					Takashi Umemura					
Course Period	2nd year Spring semester	Electives 2 credits	Class format	lect ure	Co Clas ti	urse sifica on	Irse sifica Specialized Education on						
Objectives	5				•								
Patholog	y is an essential s	ubject that provide	es the basis fo	or unde	erstand	ling an	imal	health and disease. The purpose					
of this cours	se is to learn about	ut the concept of d	isease: what	causes	s vario	us dise	ases,	, what biological changes occur					
in the body,	and how the dis	sease progresses, a	and to under	stand t	the aca	ademic	back	ground of various animal care					
activities in	clinical practice	through a compre-	hensive und	erstand	ling of	diseas	es.						
Lecture O	utline												
Pathology is	s an essential sub	ject that provides	the basis for	under	standi	ng anir	nal h	ealth and disease. Students will					
learn the ba	asic knowledge	of disease concep	ts, such as v	what c	auses	variou	s dis	eases, what kind of biological					
changes occ	cur in the body, a	nd how the disease	e progresses	to und	lerstan	d disea	ises.						
Lesson Pla	an												
1 Introdu	ction to the field	of pathology											
2 Mainte	nance of homeos	tasis (homeostasis	, feedback n	nechan	isms)								
3 Degene	erative lesions (de	egeneration, necro	sis, apoptosi	s, atro	phy)								
4 Progres	sive lesions (reg	eneration, hyperpl	asia, metapla	asia, w	ound	healing	g)						
5 Circula	tory disorders (lo	ocalized circulator	y disorders,	system	nic cire	culator	y diso	orders)					
6 Inflam	nation (definition	n of inflammation,	, causes, out	comes))								
7 Acute a	and chronic inflat	mmation (chemica	l transmitter	s, cyto	kines)								
8 Immun	ity (fundamental	s of immunity, liq	uid immunit	y, cellu	ılar im	munity	/)						
9 Immun	e abnormalities (autoimmune disea	ises, allergie	s, imm	unode	ficienc	y)						
10 Tumor	1 (concept, class	ification)											
11 Tumor	2 (gene damage,	cancer (suppresso	or) gene))									
12 Blood (about blood, her	hatopoietic tissue,	blood diseas	ses)			0,000,01	abnormalities developmental					
13 Genetic	s and congenita	f molformational	ogy, genetic	disea	ses, ci	iromos	omai	abnormanties, developmental					
Motobo	s, classification c	disorders of carb	obydrata n	rotain	nuol	oio oo	ia 1	inid inorganic and nigmont					
14 metabo	lism)		onyurate, p	iotem,	nuci	en ac	iu, i	ipid, morganic, and pigment					
15 Aging	and Summary												
Feedback	on Assignment	ts (exams_renor	rts etc.)										
The evaluat	ion criteria for th	e submitted repor	ts will be exi	plained	1 at a 1	ater da	te						
Course No	tes	le submitted repor		prumee	<i>i</i> ut u 1	uter du							
Students ne	ed to understand	l hasic subjects si	ich as anima	al anat	omv	nincher	nistr	y and physiology. In addition					
students should be familiar with the terminology used in pathology.													
Contents of	of Prior and Po	ost-learning (pro	eparation a	nd re	view)								
Please refer	to the syllabus to	o gather basic kno	wledge in ac	lvance	. Com	pile no	tes b	ased on the materials presented					
in class, rev	iew them using t	the textbook, and u	ise the librar	y to bu	uild on	your l	now	ledge.					
Evaluation	n Method (incl	uding evaluatio	n criteria)										
Overall eva	luation based on	class participation	(20%), repo	orts (20	0%), a	nd regu	ılar e	exam (60%)					
Textbook		- •											
Basic Anim	al Nursing (2) A	Animal Pathology	and Pharma	acology	y (Inte	erzoo)	follo	wing the Core Curriculum for					
Animal Nur	sing Education 2	2019		0.	. `	,		~					
Reference Books, Teaching Materials, etc.													
Simple Path	ology (Nanjiang	;-do)											

Course	General T	Theories of Anim Nursing	mal Clir	nical			TOMITA Sachiko SUZUKI Tomoko					
Course Period	1st year 1st semester	Required subject 2 credits	Class format	lecture	Course Classific ation	Specialized Education [Basic Specialized Education]						
Objectives												
1. Developm	nent of the anim	al health care proces	SS									
2. Medical r	records											
3. Veterinar	y nursing duties	ninal cara										
4. Technique	tline											
To learn the	e series of proce	esses in the animal	care proce	ess and a	acquire the	basi	c concept of animal care with					
emphasis or	the individualit	y of each case.	eure proce	obs and t	acquire the	ousi						
Lesson Plan	1	<i>2</i>										
1 What is	a veterinary nu	rse										
2 Develop	pment of the An	imal Nursing Proces	ss 1									
3 Develop	pment of the An	imal Nursing Proces	ss 2									
4 Develop	pment of the An	imal Nursing Proces	SS 3									
6 Medica	Pinent of Anima 1 Record 1	I Nursing Process 4										
7 Medica	1 Record 2											
8 Animal	Nursing Care S	ervices 1										
9 Animal	Nursing Care S	ervices 2										
10 Animal	Nursing Care S	ervices 3										
11 Animal	Nursing Care S	ervices 4										
12 Animal	Nursing Care S	ervices 5										
13 Animal	Health Care Ser	rvices 6										
14 Technic	ues related to te	rminal care 2										
Feedback or	n Assignments (exams, reports, etc.))									
Return comr	nents on reports,	etc.										
Course Not	es											
Since there	is a wide range	e of subjects to be	studied and	d many	of them are	e bas	sic, students should familiarize					
themselves	with the subjects	by reading the text	books and i	reference	e books of t	he sp	becialized subjects to be studied					
in stages and	d studying the te	chnical terms in pre	paration.	•)								
Contents of	r: Paad the tayth	learning (preparation	on and rev	to the co	ntant of the	مامده						
Post-lesson study: Read and reread the class handouts and textbook and compile notes												
Evaluation Method (including evaluation criteria)												
Overall eval	uation based on c	class participation and	d report ass	ignments	s (40%) and	regu	lar examinations (60%)					
Textbook												
愛玩動物看	護師カリキュラ	ン 単 拠教科書 9 巻	動物臨」	末看護学	学総論 / 動	物臨	床看護学各論(日本動物保健					
看護系大学	看護系大学協会 カリキュラム委員会編)エデュワードプレス											
Handouts v	vill be distribute	ed according to the	lecture con	ntent.								

Reference Books, Teaching Materials, etc. Introduced in lecture.

Course	Practice	e of Veterinary Nursing I	Medica	ıl		TOMITA Sachiko MITSUI Kana ARAKAWA Maki AKIYAMA Ran TOMONO Haruka
Course Period	1st year 2 nd semester	Required subject 2 credits	Class format	Train ing	Course Classificati on	Specialized Education [Basic Specialized Education]
Objectives 1. physical of 2. Medical of Lecture Ou Acquire the techniques n	examination examination assi tline practical skills necessary for int	stance to apply the knowled ernal medicine treat	dge learne ment.	d in ve	terinary intern	nal medicine nursing, including the
Lesson Plan 1 Basic k 2 Canine 3 Exam a 4 Exam a 5 How to 6 Physica 7 Physica 8 Physica 9 Medica 10 Medica 11 Medica 11 Medica 13 Retenti 14 Genera 15 Practica Feedback o	nowledge of vet handling ssistance 2: Bas ssistance 3: Bas handle a cat al examination 1 al examination 2 al exam assistance al	erinary nursing ic holding method 1 ic holding method 2 :e 4 :e 5 :e 6 :e 7 w				
Return com Course Not Since the sc	ments on reports es cope of study is 1	broad and includes 1	many basic	c items.	, students sho	uld familiarize themselves with the
subject by r studying tec Contents of Prior learnin semester's cl Post-lesson s	reading the text hnical terms. Prior and Post - ig: Read the text ass. study: Review the	books and reference learning (preparation book and other material e class and handouts,	books of on and rev ials related and compi	the speciew) to the dile note:	content of the	ects to be studied in stages and by class and relate them to the previous
Evaluation Comprehens (practical an Textbook	Method (includi ive evaluation b d written) (40%)	ng evaluation criter based on class partic	ia) cipation a	nd assi	gnment report	ts (60%) and regular examinations
 ・愛玩動物 大学協会 ・動物看護 	看護師カリキュ カリキュラム委 実習テキスト	ラム準拠教科書 7 員会編) エデュワ 第3版 エデュワ	巻 動物 ードプレン ードプレン	内科看 ス ス	護学 / 動物B	臨床検査学(日本動物保健看護系
Reference E Handouts wi 1)よく診る ファームプ	Books, Teaching Ill be distributed る犬の疾患・猫の レス)、3)動物	Materials, etc. according to the lectu の疾患 50(鈴木立加 の看護の実践(第 2	ire content. 進、interze 版)、ファ	oo)、2 ・ームフ)動物看護デ [°] レス	・キスト(改訂2版)谷口明子著、

Course	Ve	eterinary Medical I	Nursing					⊖TANIGUCHI Akiko				
								SAKURAI FUjiro				
Course period	2 nd year, Autumn semester	Required 2 credits or Elective 2 credits	Class format	lecture	Co class i	ourse sificat on	Specialized Education [Basic Specialized Education					
Objectives					•							
Objectives 1. mainter (1) Under 2. techniq (1) To und (2) To und (3) To und (4) To und (5) Under (1) Under (2) To und (3) To und (4) To und (5) Under (1) Under (2) Under (3) To und (4) To und (5) To und (6) To und (7) To und (4) To und (5) To und (6) To und (7) To und (4) To und (5) Under (3) To und (4) Under (2) Under (3) Unders (1) Unders (2) Unders (3) Unders (1) Unders (2) Unders (3) Unders (1) Unders (2) Unders (3) To und (1) Unders (2) Unders (3) To und (1) Under </th <th>nance and prome stand the conter ues necessary for lerstand the role lerstand the pre- lerstand the pre- lerstand the basis rstand physical ss, mucous men ues required for stand how to ha stand the purpose lerstand microcel ues related to m stand the purpose lerstand microcel ues related to m stand prescribin stand how to use lerstand microcel ues related to m stand how to use stand how to use stand how to use lerstand microcel ues related to in stand the indicat stand the indicat stand the indicat tand the proced tand adverse rea ues related to a lerstand the met plerstand the purpos stand how to pe lerstand the purpos stand how to pe lerstand the purpos stand how to pe lerstand contras lerstand film de derstand CT and ues related to ull</th> <th>otion of health at and purpose of health at assisting in medic e of the pet nurse in the paration and hygiener ropriate way to treat ic principles, purpose examination and horane color, groin a examination and treat and and manage syn- se and methods of bl pose and methods of bl pose and methods of re and aspiration at types of catheter inst inhalation hip insertion dedication administra- ag of medications inject drugs e topical medications inject drugs e topical medications inject drugs e topical medications inject drugs e topical medication tions and risks of infolanning cheristics and indicati- ring during infusion lood transfusion ions and risks of blo sfusion planning th testing and blood tran- ions and characterist ures involved in blood actions to blood tran- ectrocardiogram and se and significance of rform electrocardiog thod, significance, and X-ray examination ar pose and significance on protection perform radiographic t and fluoroscopy velopment and digital MRI. 9.</th> <th>alth examinat medical exa e manageme e ach specie e, and meth assessment rtery pressu eatment ringes ood collecti furine colle sertion ation tion s and how t fore and afte fusion tons of vario od transfusi sfusion blood press of electrocar graphy nd precaution ad CT/MRI e of X-ray e c examination</th> <th>ations ions minations ent of the of es of anim ods of res items (v ure, capilla ion ction (pur o adminis er adminis ous infusion on us transfu on sure diography ons for blo examination ons and th hy</th> <th>ter m sterin on ag sion j y ood pi on e pos</th> <th>ination i, temp fill tim e, cathe edicati g medi ents produc ressure itions i</th> <th>room peratu e (CI teriza on ba catio ts meas n whi</th> <th>n Ire, pulse, respiration, level of RT), shallow lymph nodes, etc.) ation, etc.) ths ns. 5. surement ich radiographic images are taken</th>	nance and prome stand the conter ues necessary for lerstand the role lerstand the pre- lerstand the pre- lerstand the basis rstand physical ss, mucous men ues required for stand how to ha stand the purpose lerstand microcel ues related to m stand the purpose lerstand microcel ues related to m stand prescribin stand how to use lerstand microcel ues related to m stand how to use stand how to use stand how to use lerstand microcel ues related to in stand the indicat stand the indicat stand the indicat tand the proced tand adverse rea ues related to a lerstand the met plerstand the purpos stand how to pe lerstand the purpos stand how to pe lerstand the purpos stand how to pe lerstand contras lerstand film de derstand CT and ues related to ull	otion of health at and purpose of health at assisting in medic e of the pet nurse in the paration and hygiener ropriate way to treat ic principles, purpose examination and horane color, groin a examination and treat and and manage syn- se and methods of bl pose and methods of bl pose and methods of re and aspiration at types of catheter inst inhalation hip insertion dedication administra- ag of medications inject drugs e topical medications inject drugs e topical medications inject drugs e topical medications inject drugs e topical medication tions and risks of infolanning cheristics and indicati- ring during infusion lood transfusion ions and risks of blo sfusion planning th testing and blood tran- ions and characterist ures involved in blood actions to blood tran- ectrocardiogram and se and significance of rform electrocardiog thod, significance, and X-ray examination ar pose and significance on protection perform radiographic t and fluoroscopy velopment and digital MRI. 9.	alth examinat medical exa e manageme e ach specie e, and meth assessment rtery pressu eatment ringes ood collecti furine colle sertion ation tion s and how t fore and afte fusion tons of vario od transfusi sfusion blood press of electrocar graphy nd precaution ad CT/MRI e of X-ray e c examination	ations ions minations ent of the of es of anim ods of res items (v ure, capilla ion ction (pur o adminis er adminis ous infusion on us transfu on sure diography ons for blo examination ons and th hy	ter m sterin on ag sion j y ood pi on e pos	ination i, temp fill tim e, cathe edicati g medi ents produc ressure itions i	room peratu e (CI teriza on ba catio ts meas n whi	n Ire, pulse, respiration, level of RT), shallow lymph nodes, etc.) ation, etc.) ths ns. 5. surement ich radiographic images are taken				

(1) Understand the purpose and method of ultrasonography and the holding position

(2) To understand B-mode, M-mode, and Doppler method. 10.

10. techniques for endoscopy

- (1) Understand the purpose and significance of endoscopy
- (2) Understand how to perform and prepare for endoscopy
- (3) To understand the methods of cleaning and disinfecting scopes. 11.
- 11. techniques for neurological examination
- (1) To understand postural responses and spinal reflexes
- (2) Understand examination methods for cranial nerves
- (3) To understand the evaluation and recording methods of neurological examinations. 12.
- 12. techniques for ophthalmologic examination
- (1) To understand the methods and significance of the Schirmer test and fluorescein test
- (2) To understand the method and significance of intraocular pressure measurement
- (3) To understand the methods and significance of fundus examination. 13.
- 13. techniques for skin and ear examination
- (1) To understand observation and recording methods of skin lesions
- (2) To understand skin scraping and curettage, stamp examination, coat examination, and skin biopsy
- (3) Understand the Wood's lamp test and fungal culture methods
- (4) To understand the methods and significance of examination of the external auditory canal

Lecture outline

Students will learn the basic knowledge necessary to assist in internal medicine care and understand the physical examination, blood draws, medications, transfusions, blood transfusions, tests necessary for diagnostic imaging, and recording of findings.

Lesson plan

1 Techniques necessary for maintaining and promoting health and assisting medical treatment: understanding the content and purpose of health examinations, preparation of examination rooms, hygiene control, and how to treat animals by species.

2 Skills required for assisting medical treatment: understanding the basics of restraint and physical examination items

3 Techniques required for examination and treatment: understanding of the basics of handling syringes, blood and urine collection

4 Techniques required for examinations and procedures: understanding of puncture, aspiration, catheter insertion, oxygen inhalation, and microchip

5 Medication-related skills: understanding of drug handling, administration, and precautions

6 Skills for transfusion: understanding of indications, administration plan and follow-up, and characteristics of various infusion agents

7 Blood transfusion skills: understanding of indications and risks, administration plan and follow-up, crossmatching and blood typing, and techniques and knowledge required for blood transfusion

8 Techniques related to electrocardiogram and blood pressure: understanding of the purpose, technique and significance of the test

9 Techniques related to X-ray and CT/MRI: understanding of the purpose, significance, techniques, and protection of X-ray examinations

10 Techniques involved in X-ray examination and CT/MRI: understanding of contrast, fluoroscopy, development methods, CT and MRI

11 Techniques involved in ultrasonography: understanding of the purpose and significance of the examination and modes of measurement

12 Skills for neurological examination: understanding of examination content and evaluation and recording methods

13 Ophthalmologic examination techniques: understanding of the techniques and significance of examination procedures

14 Skin and ear examination techniques: understanding of observation and recording methods, techniques and significance of examination methods

15 Techniques for endoscopy: understanding the purpose and significance of the examination and management of equipment

Feedback on assignments (exams, reports, etc.)

If the assignment is to be returned, comments will be added. If not, a general review will be given. Questions will be answered as needed.

Course Notes

Sufficient preparation and review of the lectures are recommended. The order of lectures may change. Please note that you will be notified in advance.

Contents of prior and post-learning (preparation and review)

Read through the textbook and handouts, and organize your notes to fully understand the class content.

Evaluation method (including evaluation criteria)

The evaluation will be based on a comprehensive evaluation: 60% for regular examinations, 20% for reports or quizzes, and 20% for class participation (attendance and level of effort).

Textbook

Textbook of Veterinary Nursing, Second Edition, Revised (by Akiko Taniguchi, Farm Press)

Reference books, teaching materials, etc.

Textbook for Pet Nurse (Midori Shobo), Animal Nursing Core Text (Farm Press), "Pet Nurse Curriculum Compliant Textbook Series" (Edward Press)

Course	Practic	e of Veterinar Nursing II	y Medici	inal		TANIGUCHI Akiko ARAKAWA Maki MITSUI Kana TOMONO Haruka	
Course period	2 nd year, Autumn semester	Required 2 credits or Elective 2 credits	Class format	lecture	Course classificat ion	Specialized Education [Basic Specialized Education	
Objectives							
1. techni	ques related to	transfusion and bloo	d transfusio	n			
1) To ma	ster the procedu	re for placement of i	ndwelling n	eedles and	l to be able to	prepare and assist with the placement	
of indwellin	g needles						
2) To be	able to use infu	ision pumps and syri	nge pumps.	blood tran	actuation 2		
3) 10 be	able to manage	microshing	stusion and	blood trai	ISTUSIOII. 2.		
1) Under	refaced to appro-	nicrocilips	for microch	ine			
2) Under	stand microchi	p placement procedu	res	125			
3. biopsy	/	p p					
1) To be	able to perform	electrocardiography	and record	l the result	ts		
2) To be	able to perform	basic holding for ra	diography				
3) Corre	ctly handle equi	ipment for radiation	protection				
4) To perform basic holding for ultrasonography 5) Record the findings of neurological examinations							
6) To be able to assist in ophthalmologic examinations (Schirmer test, fluorescein test, fundus examination, etc.)							
7) To assist in skin examinations (curettage, stamp examination, coat examination, etc.)							
8) Assist	in the examina	tion of the external a	auditory can	al			
Lecture out	line						
Acquire p	ractical skills in	n the knowledge lea	rned in vet	erinary int	ternal medic	ine nursing, including the techniques	
necessary 10	r internal medic	ine practice.					
Lesson plan	1						
1 Nursi	ng of animals w	vith infectious diseas	es: preparat	ion for isc	lation room	entry, choice of disinfectant	
2 Nursi	ng care of pregr	nant animals (signs o	of pregnancy	y, care of p	pregnant anir	nals, care of newborns)	
3 Nursi	ng care of older	animals (food, excr	etion, exerc	ise assista	nce, bedsore	care, care of cognitive dysfunction)	
4 Nutrit	tional managem	ent and feeding met	hods for sic	k animals	(basics of th	erapeutic diets, feeding methods)	
6 Techn	iques related to	transfusion and blo	od transfusi	on 1) Proc	edures pren	s paration and assistance for placement	
of indw	elling needles,	spontaneous titration		0111)1100	edules, prop	aration and assistance for pracement	
7 1) Teo	chniques related	to infusion and tran	sfusion 2) U	Use of infu	ision pumps	and syringe pumps	
3) Man	agement of anin	nals during transfusi	on and bloc	d transfus	ion		
8 Electr	ocardiography	and recording result	s: ECG mea	surement,	understandi	ng normal waveforms, management	
of elect	holding for rad	iography:Holding di	ring neck	chest abd	omen and sl	zeletal imaging	
10 Equi	pment for radia	tion protection: man	agement of	protective	e clothing an	d radiation exposure monitoring	
monitor	'S	F		P		8	
11 Com	prehensive hold	ding methods (ultrase	onography l	holding, h	olding of lar	ge dogs)	
12 Reco	ording neurolog	ical examination fin	dings (postu	iral respon	ises, spinal r	eflexes, cranial nerve examination	
and eva	luation recordin	ng methods)	(C -1.:	4		···· ·································	
15 ASSI 14 Acci	st with opfittialf	notion (curettage st	amp examin	ation coa	t examinatio	nn etc.)	
15 Assi	st in the examin	ation of the external	auditory ca	inal: use o	f otoscope. r	physical examination of the ear	
			<i>J</i>		1 / 1	-	
Feedback o	n assignments	(exams, reports, etc	2.)	' TC		• • • • • • • • • • • • • • • • • • • •	
If the assign	ment is to be re	turnea, comment on	it and retur	n it. If not	, a comprehe	ensive review will be given.	
I							

Course Notes

It is advisable to read through the textbook and other relevant materials before participating in the practical training. The order of practical training may be changed, but this will be communicated in advance.

Contents of prior and post-learning (preparation and review)

Read through the textbook and other relevant sections and materials, and organize your notes afterward to ensure a thorough understanding of the material.

Evaluation method (including evaluation criteria)

Participation in practical training: Attendance and commitment to the content of the practical training (60%), report (10%), and practical and written exam (30%). Comprehensive evaluation

Textbook

Textbook of Veterinary Nursing, 2nd edition (written by Akiko Taniguchi, Farm Press), handouts for practical training **Reference books, teaching materials, etc.**

None

Course	Veterin	ary Surgio	cal Nursing					KIMURA Yuya				
Course Period	3rd year 1st semester	Required subject 2	Class format	lect ure	Cour Classif on	rse ficati 1	Specialized Education					
Objectives This course is designed to educate a general introduction to surgery for small animals, particularly dogs and cats Students will learn systemically about basic knowledge of surgical aspects of pathology and nursing care for th diseases. Procedures for surgical operation including preparation, anesthetic management, intraoperativ assistance, postoperative care are also subject to lessen. Lecture Outline In the course, as an introduction to operation, students will first understand about the purpose and importance o surgery. Hygienic preparations for environment and patients, drugs and monitoring methods for anesthesia sedation, and analgesia will be learned. Next, With lectures on the classifications of trauma and operation, and surgical instruments and equipment, the students acquire the procedures for intra- and postoperative nursin assistance. Finally, emergency care process is studied. Lesson Plan Introduction 1 Introduction 2 Hygiene management (sterilization and disinfection) 3 Preoperative preparation I (hand washing and gown wearing technic) 4 Preoperation I (convironment and patients) 5 Anesthesia and analgesia I (drugs and procedures) 6 Anesthesia and analgesia I (drugs and dental surgery) 8 Overview of operation I (ceneral surgery) 9 Trauma management I (classification and invasion) 10 Trauma management II (healing process and care)												
To review, s	n Assignments (e upplementary le	exams, reports sson including	s, etc.) g explanations ab	out a	n exerci	ise qui	z wil	be provided in the last session.				
Course Not This course a good unde Contents of Prior-learnin Post-learnin Evaluation Examination	Course Notes This course is based on functional morphology and pathophysiology of animals, so students are expected to have a good understanding of them. Contents of Prior and Post-learning (preparation and review) Prior-learning: Students should check the contents of the next lesson that an instructor announced. Post-learning: The exercise quiz should be completed, and any unclear points should be attempted to resolve. Evaluation Method (including evaluation criteria) Examination (80%) and attitude toward class (20%)											
Textbook 愛玩動物看護師カリキュラム準拠教科書シリーズ8巻(動物栄養学/動物外科看護学/動物医療コミュニケーション)、Ed: ISHIOKA Katsumi, SANO Tadashi, EDUWARD Press, Tokyo Reference Books, Teaching Materials, etc. Reference books and other materials will be presented in class as necessary.												

Course	Practice	e of Veterinary Nursing	Surgica	1	Course		KIMURA Yuya AKIYAMA Ran	
Course Period	3rd year 1st semester	Required subject 2 credits	Class format	traini ng	Classificati on		Specialized Education	
Objectives								
This course is designed to enable students to acquire practical skills in the surgical diagnosis and treatment of small animals, especially in the techniques of instruments, equipment, disinfection and sterilization. In addition, students will acquire knowledge and nursing skills in anesthesia, sedation, and analgesia from preoperative to postoperative management. Furthermore, the students will learn preparation and techniques for cardiopulmonary resuscitation to deal with emergency situations.								
Lecture Outline Practical training will enable students to acquire practical skills in surgical diagnosis and fundamentals of dogs a cats, especially regarding instruments, equipment, disinfection, sterilization, preoperative and postoperat management, anesthesia, sedation, and analgesia. Hands-on training will be given on preoperative preparation surgical operations, postoperative care, radiation protection and practice, special radiation and ultrasou equipment, endoscopic equipment, autopsy, emergency medical, special surgical diseases, and hospital recept work, and care of hospitalized animals. Practicing preoperative preparation for surgical procedures, handling surgical instruments, bandaging techniques, preparation of infusion devices, and small animal dentistry.								
Lesson Plan 1 Preoperative preparation 1 (surgical hand washing and disinfection, preparation of surgical drapes) 2 Preoperative preparation 2 (preparation of surgical gown) 3 Preoperative preparation 3 (method of wearing surgical cap, mask, gown and gloves) 4 Preoperative preparation 4 (disinfection of surgical environment and instruments) 5 Preoperative preparation 5 (anesthetics management and assistance for surgical procedures) 6 Preoperative Preparation 6 (tracheal intubation) 7 Medical equipment management (monitoring device, electrocautery, endoscopy, ultrasound equipment 8 Small animal dentistry (charting, dental instruments) 9 Radiation protection and practice 1 (film management, patient positioning for radiography) 10 Radiation protection and practice 2 (interpretation of normal and abnormal radiograms) 11 Postoperative care (dressing and bandaging, dispensing of external medicine) 12 Special surgical diseases (orthopedic diseases, rehabilitation) 13 Emergency medicine (cardiopulmonary resuscitation) / terminal care 14 Personal protective equipment (handling of chemotherapy agent, personal protective equipment) 15 Review Feedback on Assignments (exams, reports, etc.)						of surgical drapes) oves) s) procedures) ultrasound equipment, etc.) diography) ograms) etive equipment)		
Course Note Attention to	es clothes and safe	-hygienic behavior	is required	. Be av	ware of infor	mation	for the course.	
Contents of	Prior and Post-	earning (preparati	on and revi	ew)	s of each class	s session	n	
Post-lesson study: Review the contents of the training materials and practical skills after each class.						each class.		
Evaluation Comprehens test (20%).	Method (includi ive evaluation ba	ng evaluation criter sed on class particip	ria) pation and a	ssignm	nent report (6	0%), pra	actical test (20%), and written	
Textbook 愛玩動物看	護師カリキュラ ISHIOKA Katawa	ム準拠教科書シリ ni SANO Tadaghi J	ーズ8巻(重	助物栄 Press	養学/動物外	科看護	学/動物医療コミュニケーシ	
コイト Ed:		Motoriala ata	LUU WAKD	rress,	10KY0			
Reference B	ooks, Teaching books and other ma	Materials, etc.	nted in class	s as neo	cessary.			

Course	Particula C	Particular Theories of Veterinary Clinical Nursing I					TOMITA Sachiko TANIGUCHI Akiko KIMURA Yuya				
Course Period	3dr year 1st semester	Required subject 2 credits	Class format	Lect ure	Con Class	urse ificati on	Specialized Education				
Objectives											
 Underst Typical Typical Digestive Skin dise Hematop 	 Typical signs Typical diseases Digestive and nutritional metabolic diseases Skin diseases Hematopoietic and immune-mediated diseases Lecture Outline										
To understa	une nd the nether hy	ciology of various d	isoosos ond	100m	tha ha	sio kno	weldge about the symptoms caused				
by them need	To understand the pathophysiology of various diseases and learn the basic knowledge about the symptoms caused by them, necessary procedures and treatments. Understand what kind of pursing care should be provided to animal										
with various functional disorders and how to assess and intervene.											
Lesson Plan											
1 Underst	1 Understanding and coping with signs and diseases 1										
2 Underst	anding and copi	ing with signs and d	iseases 2								
3 Typical	signs 1										
5 Typical	signs 3										
6 Hemato	poietic and imm	nune-mediated disea	uses 1								
7 Hemato	poietic and imm	nune-mediated disea	uses 2								
8 Hemato	poietic and imm	nune-mediated disea	uses 3								
9 Hemato	poietic and imm	une-mediated disea	uses 4								
10 Hemato	potetic and imm	une-mediated disea	lses D								
12 Gastroi	ntestinal, nutritio	onal and metabolic	diseases 2								
13 Skin dis	seases 1										
14 Skin dis	seases 2										
15 Skin dis	seases 3										
Feedback on	n Assignments (exams, reports, etc.)		•	11 1					
Comments v	will be returned	on all reports. Answ	vers and exp	olanati	ons wi	II be p	rovided for each quiz.				
Review and	prepare for each	lecture by reading	the textboo	k and	refere	nce ho	oks				
Contents of	Prior and Post-	learning (preparati	on and revi	iew)			0K5.				
Prior learnin	g: Read the textb	ook and reference be	ooks careful	ly.							
After class: l	Review and sumr	marize the handouts,	textbook, a	nd refe	rence l	oook in	a notebook.				
Evaluation Periodic exa	Method (includi minations (70%)	ng evaluation crite , reports, quizzes, ar	r ia) nd class par	ticipati	on (30	%) wil	l be taken into account in the overal				
Textbook											
愛玩動物看	愛玩動物看護師カリキュラム準拠教科書 9 巻 動物臨床看護学総論 / 動物臨床看護学各論(日本動物保健										
看護系大学	協会 カリキュ	ラム委員会編)エ	デュワート	・プレ	ス						
動物臨床に	役立つやさしい	免疫学 ファーム	プレス								
講義内容に	沿ったプリント	を配布する。									
Reference B	ooks, Teaching	Materials, etc.	. 🔿								
ビジュアル	で字ぶ動物看護	[字(第2版)緑書 [書 60 (鈴士士#**	房 b) ノン P								
よく おる人	の伏思・畑の疾	:忠 OU(鈩个丛雄者	ヨノイング			主法という	時代初期頃 ノント ベ				
厌思別 動	物有護ハントフ	ック(日本獣医生	161科子大与	一歌医位	术健有	護子 科	+ 岡本部门編) インタース				

Course	Particula C	r Theories of V linical Nursing	Veterina 5 II	ry			TOMITA Sachiko TANIGUCHI Akiko KIMURA Yuya
Course Period	3 rd year 2 nd semester	Electives 2 credits	Class format	Lectu re	Con Class 0	urse sificati on	Specialized Education
Objectives 1. Typical d 1) Cardiova 2) Respirato 3) Urologica 4) Endocrin 5) Reproduc 6) Orthoped 7) Eye disea 2. Nursing f Lecture Ou This course nursing in a Lesson Plan	iseases scular diseases ory diseases al diseases e disorders ctive organ disea ic diseases or cancer-bearin tline provides a com more specialize	ses g animals prehensive overvie d manner, building	w of the p on the cont	atholog ent tau	gy, cli ght in	nical p the thi	athology, diagnosis, treatment, and rd year.
 Cardiov Cardiov Cardiov Endocr. Endocr. Reprod Respira Respira Respira Nursing Nursing Urologi Orthopo Orthopo Ocular 	vascular disease vascular disease ine disease 1 ine disease 2 uctive diseases tory disease 1 tory disease 1 tory disease 2 tory disease 3 for cancer-bearin c diseases 1 cal diseases 2 edics 1 edics 2 diseases	1 (congenital heart d 2 (acquired heart di ng animals 1 ng animals 2	disease) sease)				
Feedback of Assignment Course Note Students are Contents of Prior study: After class: 1	n Assignments (a s will be returne es expected to pre Prior and Post- Read the textboo Review and sumr	exams, reports, etc. d with comments. A pare for each lectur learning (preparati k and reference book narize the handouts,) Answers and e by readin on and rev as carefully. textbook, a	d expla g the to iew) nd refe	extboo	ns will bk and i books i	be provided for each quiz. reference books. n a notebook.
Evaluation Periodic exa evaluation. Textbook 愛玩動物看 看護系大学	Method (includi minations (70%) 護師カリキュラ 協会 カリキュ	ng evaluation criter , reports, quizzes, ar ム準拠教科書 9 巻 ラム委員会編)エ	ria) nd class par き 動物臨 デュワート	ticipati 末看護 [、] プレン	on (30 学総話 ス	9%) wil 命 / 動	l be taken into account in the overall 物臨床看護学各論(日本動物保健
Handouts ba Reference B ビジュアル よく診る犬 疾患別 動	sed on the lecture ooks, Teaching で学ぶ動物看護 の疾患・猫の疾 物看護ハンドフ	e content will be dist Materials, etc. 学(第2版)緑書 患 60(鈴木立雄著 、ック(日本獣医生	ributed. 房 皆)インタ 命科学大学	ーズー 学獣医f	呆健看	·護学科	4 臨床部門編)インターズー

Course	Parti	cular Theories of Veterin Nursing III	inical		OH T A N	KAZAKI Toshio ANIGUCHI kiko IIYAI Sayaka		
Course Period	4th year Autumn semester	Department of Animal Health Technology Elective 2 credits	Class format	Training	Course Classification	Spe	cialized Education	
Objective	Objectives							
Underst	and the ba	asic pathophysiology of neurologic	cal disord	lers and er	nergency disorde	ers an	d be able to propose	
nursing c	are that sl	hould be provided. In addition, it i	s possible	e to grasp	these pathologica	al con	ditions based on the	
test result	ts of varic	ous special tests.						
Lecture (Outline							
In this	course, st	udents will understand the pathop	hysiology	y of variou	is diseases and le	earn th	e symptoms caused	
by them,	the necess	sary treatments and basic knowledg	ge for the	ir treatmer	nt. Also, students	under	stand the evaluation	
of test da	ta of anin	als with each dysfunction, what k	and of nu	rsing shou	ild be provided to	o the a	animals.	
Lesson P	lan			-			Teacher in charge	
I Neur	ological o	lisorder 1: Encephalitis, hydrocep	halus, epi	llepsy		1 .	Tanıguchi A.	
2 Neur	ological (disorder 2: Herniated disc, Wobb	ler Syndr	ome, dege	enerative spondy	losis,	Taniguchi A.	
	a equina s	Syndrome	haalea ha	una haat	a4++ a 1+ a		Tanianahi A	
J Eme	rgency III	ness 1: Traffic accidents, electric s	shocks, Du	ums, neat	stroke		Taniguchi A.	
5 Nucl	agency III	accidental ingestion: Residential ingestion	stion, sho	discossos	ylaxis		Taniguchi A.	
6 Mici	obiologic	al examination: Baste principle al	ilu taiget	uiseases			Miyoi S	
7 Micr	obiologic	al examination: Euroi viruses					Miyai S	
8 Path	ological /	cytopathological examination: Sn	ecial stai	ning			Miyai S	
9 Gene	etic exami	ination and treatment: PCR and se	quencing	procedure	2		Wilyai S. Miyai S	
10 Anir	nal clinica	al examination: Topics	quenenng	procedure			Miyai S.	
Spec	ial exam	ination of whole blood sample	and nur	sing plan	· hematocrit and	d Hb	Okazaki T.	
11 abnc	rmality	mation of whole blood sample	una mar	sing plui	. noniutoent un	u 110	ORUZUNI I.	
12 Spec	ial exami	nation of blood cell and nursing pl	an: CBC	abnormali	ty and special sta	ining	Okazaki T.	
12 Spec	ial exami	nation of serum or plasma sample	e and nur	sing plan:	isoenzyme anal	vtical	Okazaki T.	
¹³ data		L L		01	5	0		
14 Spec	ial exami	nation of urine and nursing plan: u	urine suga	ar, sedimei	nt		Okazaki T.	
15 Spec	ial exami	nation of other materials and nursi	ing plan:	saliva, fec	al occult blood		Okazaki T.	
Feedbacl	x on Assig	nments (exams, reports, etc.)						
Each tir	ne, a quiz	will be given on the content of the	he previo	us class, a	and each student	will g	rade the answers to	
self-evalu	ate their	level of achievement. The answer	sheet for	the quiz w	vill be collected of	on the	day, and the overall	
level of a	chieveme	nt will be announced next time.						
Course N	lotes							
Student	s should a	ittend the lecture with understand	ing of the	e general e	examination outli	ine that	at they have learned	
so far.	6 D 1			、 、				
Contents	of Prior a	and Post-learning (preparation an	id review)				
Read the	the handou	books related to the contents of each	ch class ir	i advance.				
Evoluoti	ne nanuo	d (including evaluation criteria)						
A questi	on-based e	examination (70%) and a report (300	%) will be	used to ev	aluate the underst	andin	of the measurement	
principles	and clini	cal significance of each tests in ani	mal clinic	al laborato	ries and the relat	ionshi	p between variations	
in test dat	a and path	nological conditions.				- 5115111	r	
Textbook								
None (u	se print).							
Referenc	e Books, T	Feaching Materials, etc.						
Introduc	ed as need	led for each lesson.						

Course	Practico	e of Veterinary Nursing	Clinica	1			TOMITA Sachiko TANIGUCHI Akiko KIMURA Yuya				
Course Period	3 rd year 2nd semester	Electives 2 credits	Class format	Train ing	Cou Class 0	Course Classificati Specialized Educat on					
Objectives											
 Practice of animal nursing process (case study exercise) Understand the individuality of the animal nursing approach through case studies Understand the effects of the living environment (including family) of nursing animals on their health. Understand the effects of symptoms, hospitalization and treatment on nursing animals and their families. Understand and be able to prioritize nursing problems of nursing animals. To be able to plan the contents and methods of assistance for nursing animals. To be able to prepare a veterinary nursing plan To be able to prepare veterinary nursing records Hospitalization and nutritional management To be able to clean and manage cages To be able to evaluate the degree of pain using a pain scale To be able to prepare for the placement of feeding tubes and prepare a liquid diet To be able to care for animals with bedsores (repositioning, etc.) 											
Lecture Out Acquire pra- specific nur	tline ctical skills of kr sing.	owledge learned in	animal cli	nical nu	irsing	such as	s animal nursing process and disease				
Lesson Plan1Practice of animal nursing process2Case study: Nursing care of animals with infectious diseases3Case study: Nursing care of animals with cardiovascular diseases4Case study: Nursing care of elderly animals5Case study: Rehabilitation and nursing6Case study: Nursing care of animals with digestive system diseases7Case Study: Nursing care of animals with respiratory diseases8Case study: Nursing care of animals with neurological diseases9Case study: Nursing care of animals with hematopoietic disease10Case study: Nursing care of animals with endocrine disorders11Case study: Nursing care of animals with skin diseases12Case study: Nursing care of animals with skin diseases13Case study: Nursing care of animals with skin diseases14Case study: Nursing care of animals with surgical diseases											
Feedback of	n Assignments (e	exams, reports, etc.)) reand will	ha rati	irned	with co	mmants				
Course Notes Students are required to review the handouts and textbooks of the first, second, and third years (first semester). Contents of Prior and Post-learning (preparation and review) Prior learning: Read carefully the handouts and reference books of the first, second, and third years (first semester). After class: Read the handouts, textbook, and reference books at the time of the lecture and summarize them in notebook.						d, and third years (first semester). d, and third years (first semester). he lecture and summarize them in a					
Evaluation Periodic exa evaluation.	Method (includi minations (70%)	ng evaluation criter, reports, quizzes, ar	r ia) nd class par	ticipati	on (30	%) wil	l be taken into account in the overall				
fextbook 疾患別 動物	か 看護学ハンド	ブック(日本獣医生		学獣医	保健	学科臨川	末部門 編著)緑書房				
Reference Books, Teaching Materials, etc. Materials will be distributed according to the lecture content. Reference books will be introduced in the lecture.											

Course	V	eterinary La	aboratory M	edicine	•				OKAZAKI Toshio MIYAI Sayaka
Course Period	2nd year Spring semester	Department of Animal Health Technology Compulsory	Department of Human Animal Relations	Class format	Lecture	Course Classification		S	pecialized Education
		subjects 2 credits	Elective 2 credits						
Objectives	vina alini	al significance	and numbers of	votoninom	aliniaal	anominat	ion of		a understanded in this
lecture Bas	ics of vete	rinary clinical e	and purpose of a	role of ve	eterinary	nurses in	veteri	nar	v clinical examination:
reference va	ilue sensi	tivity specificity	auality control	· sampling	y method	ls of blood	lurine	fe	ces mucus swah skin
tissues. He	ematologi	cal examination	: Serum or plas	ma separa	ation: Cl	BC metho	d: blo	od a	smear preparation and
observation	methods;	hematocrit test	; coagulation an	d fibrinol	lysis test	ts; clinical	chen	nistr	y test; blood gas test;
immunologi	ical tests.		e e		5	,			
Urinalysis:	Morpholo	gical test; urinar	y sediment.						
Stool exami	nation: D	etection of paras	ite eggs and pro	tozoans; c	observati	on method	l of ba	icter	ria.
Cytopatholo	ogical and	histopathologica	al examination: S	Significan	ice and r	nethods; sj	pecim	en l	nandling method.
Genetic exa	mination:	Purpose and sig	nificance; applic	cation exa	mples; c	ollection r	netho	d ar	nd processing
Lecture Ou	tline								
In veterinar of pet owners this lecture, t	y clinics, a s are also re the testing	variety of tests ar equesting health ex principles, how to inical testing	re performed to di aminations for the pread and think	agnose and eir animals about test	l treat an to preve data, wil	imal diseas nt diseases l be explain	es. Ree associa ned, ar	cent ated nd n	ly, an increasing number with aging and stress. In nake students realize the
Lesson Plan		linear testing.							Teacher in charge
1 Advanc	es of vete	erinary clinical ex	xamination: Util	ization of	online,	robots and	AI		Okazaki T.
2 Blood s	separation	and composition	n: Serum & plas	ma	,				Okazaki T.
3 Blood o	ell: RBC,	, WBC, platelet							Okazaki T.
4 Biocher	mical exa	mination: Proteir	ns						Okazaki T.
5 Biocher	mical exa	mination: Blood	sugar, enzyme						Okazaki T.
6 Coagul	ation / fib	rinolysis test: PT	, APTT, FDP						Okazaki T.
7 Blood t	ype, bloo	d transfusion test	t: Crossmatch te	st					Okazaki T.
8 Biocher	mical urin	alysis: Albumin,	, Hb						Miyai S.
9 Morpho	blogical ui	n: Direct smoori	r sediment	collection	mathod				Miyai S. Miyoi S
10 Pecare	iological (and Direct Silicaria	ng memou, egg	conection	memou				Miyai S.
12 Microb	iological (examination: Fu	ngi viruses						Miyai S.
13 Cytopa	thology &	Histopathologic	cal examination.	Specimer	n handlii	ng staining	g metl	hod	Miyai S. Miyai S
14 Skin an	d ear wax	examination		~~~~		-8, 500	8		Miyai S.
15 Summa	ry: Genet	ic test, blood gas	test						Miyai S.
Feedback of	n Assignm	nents (exams, rep	oorts, etc.)						
Each time, self-evaluate	a quiz w e their lev	ill be given on the el of achievement	he content of the nt. The answer sl	e previous heet for th	s class, a le quiz w	nd each st vill be colle	udent ected	wil on t	l grade the answers to he day, and the overall
Course Not									
Students sl	hould have	e a good underst	anding of essent	ial subiec	ts such a	s animal r	ohvsio	log	y and biochemistry.
Contents of	Prior and	l Post-learning (preparation and	l review)		r		- 0.	<u>,</u>
Read the re	ference bo	ooks related to the	e contents of each	n class in a	dvance.				
Evaluation	Method (i	including evalua	tion criteria)						
Students w will be 80%	ill be eval for exami	uated comprehen nations or reports	sively based on and 20% for cla	exams, an ss particip	d class p ation (in	oarticipatio cluding qui	n (inc izzes).	ludi	ng quizzes). The ration
Textbook	•								
None (use	print).	1							
Keterence B	500ks, Tea	ching Materials. 進去ロナーライ	, etc. ;# +hn 「≝⊥↓└╓┢ d		1	7"			
・ 動物有護	子教育標	年カリキュフム 血液検索学 監	华拠 · <u></u> 	「快宜」、	1 ンター	╴스 ᄮᄴᄥ		ட	
・ 品床 夜 企	子誦脞(皿 液使 宜 字、臨	床11:子使宜字、	咒没梗省	c子、	生物子/闘	床似	土牣	1子、 品休 使
医图梁出放									

Course	Practi	ce of Veterina	ary Laborat	ory Me	dicine				OKAZAKI Toshio MIYAI Sayaka	
				1	1					
Course	2nd year Spring	Department of Animal Health Technology	Department of Human Animal Relations	Class	Training	Co	urse	Spe	cialized Education	
Period	semester	Compulsory subjects 2 credits	Elective 2 credits	format		Classi	Classification			
Objectiv	es									
While un	nderstandir	ng the clinical signi	ficance, the follow	wing anim	al clinical t	ests can	be perfor	med: S	sample collection and	
processing	g; operatio	n of micropipettes	and centrifuges;	separation	of plasma	and ser	rum; prep	aration	of blood smear and	
staining; o	alculation	of the percentage of	of leukocytes by	observing	the blood s	mear; bl	lood cell	count a	ind clinical chemistry	
classificat	ion of urin	gical test; urinalys	tion of parasite er	mation of	pnysicocn	emical]	properties	01 UI	for cytopathology	
Lecture	<u>Jutline</u>	ary seament, actee	tion of parasite eg	ggs and pro	nozoans, pi	reparatio		Istance	tor cytopathology.	
Hands-or	n training	will be given on ho	w to collect and n	reserve va	rious mater	rials such	h as blood	urine	feces bone marrow	
skin, ear y	vax. vagina	al wax. reservoir flu	id. etc., how to p	repare sam	ples, how t	to test th	em. and s	tudents	s will be able to study	
the clinica	l significa	nce of the test result	ts comparing with	reference	values.		,		j	
Lesson P	lan		* *					Tea	cher in charge	
1 Hand	iling and	operation of anim	al clinical labor	atory equi	ipment and	d instrui	nents	Ok	azaki T., Miyai S.	
2 Mor	phologica	l examination of b	olood: Preparatio	on of sme	ar and stai	ning		Ok	azaki T., Miyai S.	
3 Mor	phologica	l examination of b	olood: Observati	ion and cl	assificatio	n of blo	od cell	Ok	azaki T., Miyai S.	
4 Mor	phologica	l examination: Ca	lculation of bloo	od cell co	unt by cale	culation	board	Ok	azaki T., Miyai S.	
5 Plas	na / serur	n separation and h	emoglobin cond	centration	test			Ok	azaki T., Miyai S.	
6 Prote	ein concei	ntration and lipid	concentration te	st				Ok	azaki T., Miyai S.	
7 Prote	ein and lip	oprotein fractiona	ation					Ok	azaki T., Miyai S.	
8 Mor	phologica	l examination in u	rine and feces					Ok	azaki T., Miyai S.	
9 Bioc	hemical e	xamination in uri	ne and feces					Ok	azaki T., Miyai S.	
10 Skin	and ear v	vax examination						Ok	azaki T., Miyai S.	
11 Chro	mosome	test and DNA extr	action					Ok	azaki T., Miyai S.	
12 Elec	trophores	is of DNA, Immu	nological tests: l	Preparatio	on of gel pl	late		Ok	azaki T., Miyai S.	
13 Imm	unologica	il tests: Double di	ffusion method a	and ELIS.	A method			Ok	azaki T., Miyai S.	
14 Imm	unologica	il tests: Blood type	ing and crossma	tch test				Ok	azaki T., Miyai S.	
15 CBC	and bioc	hemical tests in cl	inical practice					Ok	azaki T., Miyai S.	
Feedbacl	x on Assig	nments (exams, r	eports, etc.)	-		_				
As feed	back, assi	gnment reports w	ill be given each	time to c	check for c	completi	ion and v	vill be	collected at the end	
of the un	it and che	cked by the perso	n in charge of th	e practica	al training.					
Course N	lotes	~			~					
The clir	ical signi	ficance and techni	ques of each tes	t should b	e confirm	ed in ad	vance be	fore th	e practical training.	
Contents	of Prior	and Post-learning	(preparation a	nd review)	•				
Read and	l understar	id the procedures in	the lab manual ir	advance (of each sess	sion.			hanitta datha fallanina	
Each time	, a report	related to the practi	cal training will t	be assigned	a, which is	to be co	mpleted	and sut	Smitted the following	
Evoluoti	n Motho	d (including avalu	ation aritaria)							
Attenda	nce at the	n (including evaluation) practical training i	s required in priv	ncinle and	the overa	ll evelu	ation wil	he ha	sed on the degree of	
narticinat	ion in the	practical training	report (25%)	the comp	leteness of	f the tr	aining ta	sk (50)	%) and the written	
examinati	on (25%)	, praetieur training	, iepoir (2570),	the comp	leteness of	i the tr	anning tu	м (50	70), and the written	
Textbook	<u> </u>									
None (u	se print).									
Referenc	e Books.	Feaching Materia	ls, etc.							
・動物看護	学教育標準:	カリキュラム準拠「動	物臨床検査」、イン	ターズー						
 ・臨床検査 医歯薬出 	学講座(血 版	夜検査学、臨床化学検	査学、免疫検査学、	微生物学/图	临床微生物学	、臨床検	査総論)、			

L

Course	Equipment Theory for Veterinary Medicine		ry				SUZUKI Tomoko						
Course Period	2nd year 1st semester	Required subject 1 credit	Class format	Lect ure	Cor Class 0	urse sificati on	Specialized Education						
Objectives Equipment to understar	ts for veterinary and the principles	medicine are becom of various equipme	ing increas nts and to 1	ingly s earn he	ophist ow to	ticated use the	. It is em	necessary for veterinary nurses					
Lecture Ou In this con equipment of And, stude Then, It wi	tline urse, students st on campus. onts will learn a s ill also be consid	tudy the main equi eries of tasks, includered the role of vet	ipment use ding prepar erinary nurs	ed in v ration b ses in h	eterin before handlin	ary mo use, ba ng equ	edici asic o ipme	ne using specific examples of operation, and cleanup after use.					
Lesson Plan 1 Equip 2 Equip 3 Therm 4 Equip 5 Monit 6 Surgic 7 Ultras 8 Endos	ment for Veterin ment for sterilization ment related to coring equipment cal Instruments ound scan copes	ary Medicine ation and disinfection od pressure monito irculatory and respi	on rs iratory orga	ins									
Feedback of Comment	n Assignments (6 back on the issue	exams, reports, etc. es)										
Course Note Be careful Contents of	es when handling r Prior and Post-	nedical equipment	and accesso	ories.	alaz-								
After class:	ng: Read the text Review class ma Method (includi	aterials and take note	ria)	to the		content	•						
Participatic Textbook	on in class (30%),	Regular exams, et	tc. (70%) ov	verall ev	valuati	on							
医療機器と 基礎と臨り	と検査・治療の 転がつながるバイ	しくみ 八幡勝也、 イタルサイン 藤野	木村憲洋 野智子 学	日本 研	:実業)	出版社							
Reference E Distribution	Books, Teaching In of materials	Materials, etc.											

Cou	rse	Ve	terinary Oral (Care			SUZUKI Tomoko			
Cou Peri	rse iod	2nd year 1st semester	Electives 2 credit	Class format	Lect ure	Course Classificati on	Specialized Education			
Object	tives				1	UN I				
To ac	anire	knowledge of a	oral care provided in	ı veterinary	v media	rine from the	perspective of preventive dentistry			
in anir	nals	line wieage of c	fui cuic provideu il	i veterinar j	mean		perspective of preventive definitions			
iii aiiii	11 a 15.									
Loctu		tlino								
Lectur	n obor	ut the form and f	function of the onim	al'a aral aa	vitu or	d atudu aral	discourse in decay and pate			
Lean		n methods of om	al como in vistorinomy	ai s Orar ca	includ	ng the type	unseases in dogs and cats.			
Lecu	ires of	in methods of ora	al care in veterinary	medicine,	inciual	ing the types,	preparation, and use of instruments			
and eq	luibiue	and related to the	e treatment and prev	ention of p	eriodo	ntal disease.				
Also	consi	der the role of v	eterinary nurses in a	animal oral	care.					
.	DI									
Lesson	n Plan			1						
	The ro	le of the veterin	ary nurse in animal	oral care						
2 1	Form a	and function of	the oral cavity and t	eeth of ani	mals					
3 1	l'ooth	tissue structure								
4 I	Period	ontal tissue								
5 (Compa	arative dentistry	in animals and hun	nans						
6 I	Dental	and oral diseas	es in animals							
7 /	Anima	al dental care and preventive dental procedures								
8 /	Anima	al dentistry and o	dental biomaterials							
9 I	Period	ontal disease (g	ingivitis and period	ontitis)						
10 7	Гуреs	and methods of	animal oral care							
11 I	lnstrur	ments and equip	ment used for scalin	ng						
12 \$	Scalin	g techniques and	d procedures							
13]	Footht	orush and Brush	ing							
14	The in	nportance of ani	mal oral care							
15 (Conclu	usion								
Feedb	ack or	n Assignments (exams, reports, etc.)						
Com	ment l	back on the issu	es							
Cours	e Note	es								
Conte	nts of	Prior and Post-	learning (preparati	on and rev	iew)					
Prior	learni	ng: Read the mat	terials related to the	class conten	ıt.					
After	class:	Review class m	aterials and take note	es.						
Evalua	ation 1	Method (includi	ng evaluation crite	ria)						
Partic	cipatio	n in class (30%)	, Regular exams, et	tc. (70%)	overall	evaluation				
Textbo	ook									
Reference Books, Teaching Materials, etc.										
Distri	Distribution of materials									

Course	Practice	of Veterinary	Oral Ca	re				SUZUKI Tomoko			
Course Period	2nd year 2nd semester	Electives 1 credit	Class format	traini ng	Cor Class	urse sificati on		Specialized Education			
Objectives			1								
To acquire	To acquire knowledge and practical skills of oral care in veterinary medicine on preventive dentistry in animals										
Lecture Ou	Lecture Outline										
Learn about and prevent Practice or Consider of	Learn about Preparation, use, cleanup, and maintenance of instruments and equipment related to the treatment and prevention of periodontal diseases in cats and dogs Practice oral care in veterinary medicine, learning techniques and procedures. Consider owner guidance on oral care.										
Losson Plan											
1Orient1Orient2Obser3Obser4Oral C5Comp6Types7Taking8Struct9Struct10Maintu11Period12Profes13Comp14Praction15ConcliFeedback onComment	Lesson Plan 1 Orientation 2 Observation of dentition and jawbone in dogs and cats 3 Observation of the dentition and jawbone of rabbits, mice, and other animals 4 Oral Care in Humans 5 Comparison of oral care products 6 Types and methods of animal oral care 7 Taking impressions of teeth, making study models (tooth molds) 8 Structure and use of manual scalers 9 Structure and use of ultrasonic scaler 10 Maintenance of instruments and equipment used for dental treatment 11 Periodontal disease prevention techniques and procedures 12 Professional Mechanical Tooth Cleaning (PMTC) 13 Comprehensive training 14 Practical test 15 Conclusion										
Course Not	20										
Prior learni After class:	ng: Read the mat Review class ma	erials related to the onterials and take note	class conten es.	ıt.							
Contents of	Prior and Post-	learning (preparati	on and rev	iew)							
Evaluation Participation	Method (includi on in class (50%),	ng evaluation crite Practical examination	ria) on (50%)	overall	evalua	ation					
Textbook											
Reference B Distribution	Reference Books, Teaching Materials, etc. Distribution of materials										

Course		Zoonosis				UCHIDA Akihiko					
Course period	3 rd year, Autumn semester	Required subject 2 credits	Class format	lecture	Course classifica ion	Specialized Education [Basic Specialized Education					
Objectives											
Zoonoses are thought to have existed as long as human history, especially in recent years as our relationship with industrial animals, companion animals, and wild animals have deepened, and with it, the opportunities to come into contact with pathogens carried by animals have also increased. The course aims to provide students with an understanding of the etiology, epidemiology, diagnosis, treatment, and prevention of each of these infectious diseases, and to deepen their understanding so that they can cope with outbreaks. Lecture outline											
In the gen		actinition, types, and		ana haaam		arm due to environmental shances and					
globalization prevention of helminths, at animal infect	ging and re-em n. In each topic, of human-anima nd helminths), tions from a me	the course will cove al infectious disease and prions. The lect edical point of view.	seases that or etiology, r es caused t ure will als	are become modes of a by viruses o cover the	infection, e infection, e , rickettsia ne sympton	ern due to environmental changes and pidemiology, diagnosis, treatment, and , bacteria, fungi, parasites (protozoa, ns and prevention of human as well as					
Lesson plan											
 1 General introduction: definitions, types and emerging and re-emerging infectious diseases common to humans and animals 2 Viruses: rabies (video), hantavirus infection, B virus infection, etc. 3 Viruses: Japanese encephalitis, yellow fever, zoonotic influenza, West Nile fever, etc. 4 Viruses: Ebola hemorrhagic fever (video), Hepatitis E virus, etc. 5 Viruses: Marburg disease, Lassa fever, SARS, MERS, prion disease, etc. 6 Bacteria: anthrax, plague, tuberculosis, Pasteurellosis, salmonellosis, etc. 7 Bacteria: Campylobacteriosis, Leptospirosis, Lyme disease, Swine erysipelas, etc. 8 Bacteria: rat-bite disease, hare disease, parrot fever, cat scratch disease, cryptococcosis, aspergillosis, etc. 10 Protozoan parasites: toxoplasmosis, trypanosomiasis, leishmaniasis, etc. 11 Nematodes: toxocaraemia, Guangdong resident nematodes, canine filariasis, etc. 12 Insects: pulmonary aspiration sickness, Yokogawa aspiration sickness, schistosomiasis, etc. 13 Cordyceps: echinococcosis, hooked and hooked tapeworm disease; solitary Schistosomiasis mansoni, etc. 14 Hygienic animals transmitting human-animal infectious diseases: mosquitoes, fleas, ticks, etc. 											
Feedback of	n assignments	(exams, reports, etc	.)	1.1	1 1						
In principle, treated in the	examination ar e same way as to	o answer sheets will not	t be returne will be retur	d but will med if nec	be made a cessary.	vailable for questions. Reports will be					
Parasitology	and microbiolo	ov should be taken f	or easier ur	nderstandi	nσ						
Contents of	nrior and nost	learning (nronarod	tion and ro	view	····6·						
Basically, materials (printouts, etc.) related to the class are disclosed several days before the lecture, so students are required to prepare for the lecture and make notes based on the materials and the textbook for review.											
Evaluation	method (includ	ling evaluation crite	eria)		-						
Evaluation w	vill be based on	class participation (suhmissi	on (20%) a	nd final exam (50%)					
Texthook		erass participation (.		. 540111551	u (2070) a						
Easie Specialty Areas Animal Microbiology and Animal Infactious Diseases, materials will be distributed as needed											
Dasic Speciary Areas Annual Wherobiology and Annual Infectious Diseases; materials will be distributed as needed.											
Zoonosis by	Kamiyama IIN	JIIN SHOKAN									
Okaba P 4	hook to protect	VOURSALT FROM infact	ious disease	KAWAI	DE Vumo 9	hinsho					
OKAUE, B. A DOOK TO PROTECT YOURSEY from injectious diseases KAWADE Tullie Sillisito											

Course		Public Health	l					Fukiko UEDA		
Course Period	2nd year, 2nd semester	Required subject 2 credits	Class format	lectu re	Cours Classific on	ourse ssificati on		Specialized Subjects		
Objectives										
1. Overview	v of public heal	th: To understand 1) the purpo	se of p	ublic hea	lth,	2) th	e public health administration,		
 3) the trends in public health, 4) the relationship between One Health and veterinary medicine. 2. Epidemiology and disease prevention: To understand 1) the formation of infection, 2) the causes of disease and health problems, 3) the methods of epidemiological investigation, 4) preventive epidemiology, 5) zoonosis and its control, 6) rabies prevention. 										
3. Environ	mental hygiene:	To understand 1) the	he history,	backgr	ound and	cui	rrent	problems of environmental		
hygiene, radiation, the health 4. Food hyg	2) the health haz4) the damage chazards to humgiene: To unders	ards caused by cher caused to humans ar ans caused by anim tand 1) about food 1	mical subst nd animals al bites, 6) hygiene and	ances, by san the har l food	3) the con itary anin ndling of poisoning	ntar nals wa g, 2	ninat and ste m) the	tion and damage caused by the measures to be taken, 5) paterials. hygiene of animal products, 3)		
understar	nd food hygiene	management metho	ds (e.g. HA	CCP).						
Lecture Ou Learn about	tenvironmental a	and food hygiene, e	epidemiolog	gy and	zoonosis	an	d unc	lerstand their application to the		
L asson Plan			u uisease p	levent	1011.					
1 Introdu nationa	1 Introduction to public health (history in food hygiene, zoonosis and environmental hygiene, trends in national health)									
2 Introdu status o	Introduction to animal hygiene (difference between public health and animal hygiene, history and current status of animal hygiene)									
3 History animal-	of relationship assisted therapy	between public h	ealth and	animal	ls (diseas	se,	anim	al protection, animal welfare,		
4 Epidem frequen	nology and Dis- icy of occurrence	ease Prevention I e, distribution, relev	(classificat: vant information	ion of ation, e	epidemietc.)	olog	gy, e	pidemiological characteristics;		
5 Surveil	lance) voiene (HACCP	hazards food addi	tives and s	afety s	anitary p	ests	san	itary animals)		
7 Food-b	orne illnesses I (food poisoning, foo	d- and wat	er-borr	ne infectio	ons.	allei	rgies)		
8 Foodbo 9 Food hy 10 Environ	orne illnesses II (ygiene IV (pestic nmental Health I	poisoning by chemi tide residues, feed a (History and curren	ical substan additive and nt status of	ces; in l therap global	tentional peutic age environn	and ent i nent	d unit residu tal iss	ntentional contamination) ues, positive list system) sues)		
11 Environ pollutio	nmental Health l	II (History and cur	rent status	of loca	al enviror	nme	ntal	problems (pollution), typical 7		
12 Enviror	mental Health I	II (sanitation of wat	ter and was	tewate	r, air and	soi	l poll	ution)		
15 Enviror	imental Health I	v (waste, radioactiv	ve contamin strativo lovy	ation,	other issued	ues)) Matac	to votoringry modicing public		
14 health	animal hygiene	nharmaceutical affa	airs and the	s anu i	onment)	15 10		i to veterinary medicine, public		
15 Recent	trends and issue	s in public health (e	.g., drug-re	sistant	bacteria					
Feedback of	on Assignments	(exams, reports. et	tc.)							
Summarize	the scoring and	communicate the pr	oblem.							
Course Not	tes									
Write down	the points and n	otes of the lecture b	by hand in a	1 noteb	ook.					
Contents of	f Prior and Post	-learning (prepara	ation and r	eview))	-				
Students are	e expected to pr	epare an outline of	the content	nt usin	g keywoi	rds	befor	re the lecture and organize the		
points.	Mothod (male)	ling avaluation and	tonic)							
Evaluation	will be based on	final examinations	50% and c^1	255 D21	rticinatio	n 5()%			
	will be based oll	mai examinations		ass pa	a cipatioi	1 30	,/0.			
Textbook	Textbook									
愛玩動物看	「護師カリキュ [、]	ラム準拠教科書シ	リーズ 5	巻						

公衆衛生学/動物看護連法規/動物愛護・適正飼養関連法規 一般社団法人 日本動物保健看護系大学協会 カリキュラム委員会編、Eduward Press ISBN 978-4-86671-159-1 (in Japanese) Reference Books, Teaching Materials, etc.

Course	Animal Biochemistry							OGURO Mieko			
Course Period	3 rd years, 1 st semester	Electives /2credits	Class format	lecture	Cou Class atio	rse sific on	Specialized Education				
Objectives											
Biochemistr	y is closely relat	ed to chemistry, nu	trition, and	physiolo	ogy an	id so	on. I	t is the study of life phenomena			
based on chemistry. The animal organism is composed of various macromolecules, each of which interacts											
independently or interactively to perform physiological functions. It is essential to understand the structure and											
function of	function of biological substances in animals. The goal of biochemistry in the field of Veterinary Nursing is to										
acquire the	knowledge to un	derstand the univer	rsal laws of	life phe	nome	na at	the t	tissue, cell, and even molecular			
level.											
Lecture Out	tline		- 4	(1	•		1.4	have the set of the set of the second			
We need to	understand the v	arious biological sy	stems that I	run the o	rganis	sm an	Id Its	basic unit, the cell. This course			
WIII FOCUS O	n the metabolish	1 of carbonydrates,	lipids, prot	eins, am	ino ac	2108, 8	ana n	ucleic acids. In this lecture, we			
will learn th	e nature of enzyr	mes, which catalyze	d motobolis	ocusing	on car $\frac{11}{11}$	DONY	urate	e metadonsm, lipid metadonsm,			
functions of	pentides protei	sill, allu lluciele acid	s synthesiz	nn. we w	on ge	o lea	$\frac{111}{100}$	out the structure and biological			
Lesson Plan	peptides, protein		is synthesize	eu Daseu	on ge	mene					
1 Introdu	ction										
2 Eucarvo	otic Cell structur	e, cell membrane, c	ell nucleus	mitoch	ondria	. end	opla	smic reticulum, cytoskeleton			
3 Digesti	on and absorptio	n		,		.,	opin				
4 Amino	acids and protein	ns. Composition and	d structure								
5 Proteins	s. Structure – Fu	nction relationships	5								
6 Amino	acids and metab	olism									
7 Enzyme	es: Classification	1									
8 Enzyme	es: Kinetics and	control									
9 Carboh	ydrates: Compos	sition and structure									
10 Carboh	ydrate metabolis	m: Major metabolio	c pathway								
11 Carboh	ydrate metabolis	m: Special pathway	7								
12 Lipids:	Compositions an	nd structure									
13 Lipid m	etabolism, synth	esis, storage and ut	tilization of	fatty ac	ids and	d tria	cylgl	lycerol			
14 Biocher	mistry of nucleic	acids (nucleofides,	DNA and	RNA)							
15 Summa	ry and final exar	n	<u>`````````````````````````````````````</u>								
Feedback of	n Assignments (e	exams, reports, etc.) will be give	n in alaa	a for f	Foodb	oolz				
Course Not	zzes, and explain	ations of questions	will be give	II III Clas	8 101 1	eeub	ack.				
Students are	expected to rev	iew basic knowledg	e of chemi	stry and	hiolog	TV					
It is recomm	nended that stud	ents choose Basic	Riochemist	rv (1st v	ear) a	5y. and k	reen	an eve on Moodle as it will be			
used to post	and distribute cl	lass reference mater	ials	1y (15t y	cui), t	und N	cep	an eye on whole as it will be			
Contents of	Prior and Post-I	earning (preparati	on and revi	ew)							
Prior learnin	ng "Before the co	ourse, read the relev	ant section	s of the	extbo	ok to	deei	en vour understanding.			
The post-lea	arning "Keep lec	cture notes on the l	ecture cont	ent, and	use th	he as	signi	nents during the lecture to ask			
questions.	6 1			,			U	C			
Evaluation	Method (includi	ng evaluation crite	ria)								
The overall	evaluation will b	be based on 40 % no	ormal point	s (incluc	ling qu	uizze	s) an	d 60 % final exam.			
Textbook											
生化学 th3 rd edition edited by Masaru Sonoda,羊土社											
Reference Books, Teaching Materials, etc.											
獣医生化学	之 文洋堂出版	,大学生物学の教	教科書第3	巻生化	学·分	}子生	主物	学新書(Life: The Science of			
Biology by Sadava David et al.) Blue Backs, はじめての生化学 三共出版(in Japanese)											

Course	Veterinary Infectious Diseases I						Akihiko UCHIDA			
Course Period	2nd grade /Prophase	Required subjects/2 units	Class format	lecture	Course Classificati on		Professional education [specialized basics]			
Objectives										
Parasite clas	sification and cha	aracteristics								
The classification, morphology, life cycle, pathogenicity, the testing, diagnostic methods and how to use anthelmintics										
and pesticides for parasitic diseases of protozoans, helminths and sanitary animals.										
Lecture Outline										
Learn about	parasite classific	cation, biological ch	aracteristi	cs, trans	mission	patter	ms a	nd pathogenic mechanisms, and		
understand t	he basics of infec	tious disease control	l such as te	esting an	d diagno	osis, h	ygie	ne management, and prevention /		
treatment me	ethods.									
Lesson Plan	1									
1 General	(1) (A parasite is	s a relationship betw	een a para	site and	a host, a	nd the	e life	cycle of the parasite)		
2 General	(2) (parasite tran	smission route, loca	lity and di	sease ac	tion and	immı	unity)		
3 Overvie	ew of protozoans									
4 Protozo	Protozoans (Trypanosoma, Toxoplasma, Giardia, Amoeba, Trichomonas, etc.)									
5 Overvie	ew of helminths									
6 Tremate	oda (review, liver	flukes, lung flukes,	schistosor	niasis, et	.)					
7 Cestoda	a (review, Taenia,	Echinococcus, Diph	yllobothri	um)						
8 Nemato	oda (review, round	lworms, whipworms	, hookwoi	rms, filar	ria, etc.)					
9 Parasite	es of dogs and cat	s (Babesia, roundwo	orm of dog	cat, dipy	ylidium o	canin	um, l	neartworm, etc.)		
10 Parasite	es of pets such as	rabbits and exotic ar	nimals							
11 Zoonos	is (cryptosporidiu	ım, amebiasis, larva	migrans, t	apeworn	ns, scabi	es, et	c.)			
12 Sanitary	y animals (mosqu	itoes, flies, fleas, lic	e, etc.)							
13 Sanitary	y animals (mites,	mice)								
14 Diagno	sis of parasitosis									
15 Epidem	iology and contro	ol of parasitosis								
Feedback o	n Assignments (e	exams, reports, etc.)							
In principle,	the answer sheet	for the exam will not	t be returne	ed, but qu	uestions	will b	e an	swered. The report will be treated		
in the same	way as the answe	r sheet, but will be r	eturned as	needed.						
Course Note	S									
Since there a	are basic contents	, it is easier to under	stand the	lecture if	you stu	dy bio	ology	, biochemistry, immunology, e		
Contents of	Prior and Post-	learning (preparati	on and re	view)						
Since the co	ntent of the lectur	e on the day is show	on the s	yllabus, i	be sure t	o prej	pare	for the lesson and make a note of		
the review after the lecture.										
Evaluation Method (including evaluation criteria)										
Evaluation b	Evaluation based on participation in class (30%) and grades on regular exams at the end of the semester (70%).									
Textbook										
Japan Anima	Japan Animal Health and Nursing University Association Curriculum Committee, Supervised by Fumiko Ono, Animal									
Infectious Sciences, Interzoo										
Reference Books, Teaching Materials, etc.

Akihiko Uchida / Ken Huang Hong Illustrated Veterinary Parasitology Revised 3rd Edition (CD-ROM for Mac / Win) Medica Gloves

Course	Veterin	ary Infectious I	Diseases	II		Takashi Umemura
Course Period	3rd year, Autumn semester	Electives 2 credits	Class format	lectur e	Course Classifica ion	t Specialized Education
Objective	S					
In addition to	o knowing what	t microorganisms a	re and the o	character	ristics of bac	teria, fungi, viruses, etc., students
will the origi	ns of infections	caused by pathogen	nic microorg	ganisms a	and what mea	sures are actually taken to prevent
various infec	tious diseases to	o connect Students	will also lea	arn about	t disinfection	and sterilization methods that are
important in	clinical practice	and will consider t	the role of x	veterinar	v nurses in m	vicrobial control
I ootuno (vetermar.	y nurses in n	
Microbiolog situations of viruses and sterilization books added	y is a discipline veterinary care deepen our un nethods to prev as necessary.	necessary for under This lecture will inderstanding of will ent infection will be	explain the explain the hat infection explained.	e scientif basic ch on is. In The clas	ic basis of m haracteristics a addition, is ss will be bas	edical treatment in various clinical of bacteria, fungi, protozoa, and mmunotherapy, disinfection and ed on the textbook, with reference
Lesson Pl	an					
1 Introduc	tion.					
What a	e microorganis	sms (location of a	microorgan	isms in	the biologi	cal world, what are pathogenic
microorg	ganisms)					
 3 Infection 4 Origin o 4 Origin o 5 Bacteria 6 Bacteria 6 Bacteria 7 Bacteria 8 Fungus 9 Viruses 9 Viruses) 10 Viruses 11 Viruses 12 Chemoti 13 dogs, 14 Diagnos 15 Preventi 	and onset (cou f infection (sour DBacterial pro DBacterial obs Classification (morphology of 1) Viral propert (2) Methods of herapy, infection cats, birds, rabb g, disinfection, ion methods, no is of infection immunology di	rse of infection, typ rce of infection, rou operties and structur ervation and growth n of bacteria (Gram fungi, growth patter ites (morphology an ites (morphology an preventing viral infection bits and monkeys) and sterilization ((psocomial infection ous diseases (iso agnosis) of infectious disease	pes of infect ite of infect re (size of b h (staining p -positive co erns of fung nd structure nd structure ections (vac us animals (disinfection and counte olation ar	tions) ion, abili bacteria, methods, bacci and r i, classif e of virus e of virus ccines) antibacte n method ermeasure nd iden	ity to protect basic structu , bacterial nu rods, Gram-r ïcation of fun ses, classific ses, classific erial agents, o ds, types and es) tification of	against infection) re of bacteria, special structure of trients, bacterial culture) egative cocci and rods, others) ngi) ation of viruses, multiplication of ation of viruses, multiplication of lrug resistance, infectious diseases d characteristics of disinfectants, f pathogenic microorganisms,
Feedback	on Assignn	nents (exams, 1	reports, o	etc.)		
he evaluation	criteria for the	submitted reports v	will be expl	ained at	a later date.	
Students si their ecolo microbiology the second ye Contents Please refer in class, and Evaluatio	oues nould underst ogy, and mor is based on bio ear. of Prior and to the syllabus to use the library to n Method (i	and the positio phological charact ology, physiology, the d Post-learning o gather basic know o build on your know including evalu	n of ba eristics bef biochemistr g (prepan vledge in ad owledge. uation cr	acteria fore the ry, and in ration Ivance. C riteria)	and viruse lecture on nmunology, s and revie Compile note	s in the biological world, microbiology. In addition, since students should take courses up to w) s based on the materials presented
Overall evalu	ation based on	class participation	(20%), regu	ılar exam	n (60%), and	report submission (20%)

Textbook

Compliance with the Standard Curriculum for Animal Nursing Education Specialties Animal Microbiology and Animal Infectious Diseases Eduward Press

Reference Books, Teaching Materials, etc.

eterinary Microbiology, 2nd Edition, Supervised by Byo Mikami, Bunyodo Publishing Co.

Course	Sma	all animal nutr	ition			SAKANE hiroshi ARAKAWA maki
Course Period	2nd year/ 1st semester	Required subject 2 credits	Class format	lectur e	Course Classificati on	Specialized Education
Objectives	1			i	, i	
1. Basic nut	rition					
 To under To under 	stand the five nu stand the nutritie	trients (carbohydrat	es, protein lifferences	s, fats, betwee	vitamins, and en dogs and c	d minerals) eats (essential amino acids, essential
fatty acids,	etc.)					
3) To under	stand eating hab	its, tastes/palatabilit	y, preferen	ices, an	d eating beha	avior.
4) To under	stand the import	ance of nutrition in	maintainin	g healt	h.	
5) To under	stand health issu	es caused by nutrier	nts' deficie	ncies a	nd excesses.	
2. Nutrient	requirements					
1) Understa	nd the meaning	of energy requireme	ents (RER,	MER,	etc.) and how	v to calculate them.
2) To under	stand the nutritic	on standards (AAFC	O, NRC, e	etc.)	/ .1	
3) To under	stand the nutrition	onal management fo	or each life	e stage	(growth, mai	intenance, pregnancy, lactation, and
old age)	. 1 . C 1	1 . • . • 1 • 1				
3.Commerc	al pet foods and	i nutritional guidanc	e Garad Garada			
1) To under (2) To under	stand the types a	a regulations of pet	foods and	ba able	to overlain it	to not owners
(2) To be able	a to avalain pot	g regulations of per	noisoning	and for	e to explain it	to pet owners.
(3) 10 be ab	e to explain pet	owners about 1000 j	pol status (BCS 1	ody mass inc	lav MCS atc.)
5) To under	stand the health	issues caused by ob	esity and h	$\frac{DCS}{DW}$ to	create a weig	the loss program
4 Diseases	and nutrition	issues eaused by 00	corry, and i	10 10 10	create a werg	int loss program
1) To under	stand dietary ma	nagement for variou	15 diseases			
2) Understa	nd the character	istics and efficacy o	f therapeut	ic diets	and explain	them to pet owners
5. Force-fee	ding and tube/in	travenous feeding			, une empressi	
1) To under	stand the method	ds and important pol	ints to be n	oted fo	or force-feedi	ng.
2) To under	stand the types	of tube feeding (na	sal, esoph	ageal.	gastrostomy	tube, etc.), their characteristics and
methods.	51		, I	0		, ,,
3) Understa	nd the types of i	ntravenous nutrition	n (TPN, PP	N), the	ir characteris	tics, and methods.
4) Understa	and the procedu	res for placing tub	es and ca	theters	and the imp	portant points to be noted in their
managemen	it					• • •
_						
Lecture Ou	tline					
In addition	to learning bas	sic nutrition such a	s the five	nutrie	nts (carbohy	drates, fats, proteins, vitamins and
minerals) and	nd their metabol	ism, students will le	earn the dif	fferenc	es in dietary	management for each life stage and
disease, and	l the characterist	ics and feeding met	hods of var	rious co	ommercially a	available therapeutic diets.
Lesson Plan	1					
1 Genera	l introduction (h	istory of food for do	ogs and cat	s, impo	ortance of nut	rition in maintaining health)
2 Nutrier	its and their func	ctions: carbohydrate	s (sugars a	nd diet	ary fiber)	
3 Nutrier	its and their func	ctions: fat and fatty a	acids, func	tional l	ipids	
4 Nutrier	its and their func	ctions: proteins and	amino acid	ls,		
5 Nutrier	its and their fur	nctions: fat-soluble	vitamins a	and wa	ter-soluble vi	itamins, differences in requirement
betwee	n species					
6 Nutrier	its and their func	ctions; minerals		-	0	

- 7 Dietary habits and eating behaviors, tastes/palatability and preferences of cats and dogs
- 8 Energy requirements of dogs and cats, calculation of feeding amounts, methods of assessing nutritional status, water and its requirements
- 9 Adverse effects of over-weight, obesity-related disorders, plan weight reduction program
- 10 Life stage and nutrition; reproduction (pregnant and nursing), growth, maintenance and elderly dogs and cats.
- 11 Nutritional guidance and pet food; category and variety of pet foods, regulations about labels of pet foods and standard of each nutrient.
- 12 Nutritional guidance and pet food; safety assurance and foods should not be fed to dogs and cats, food poisoning and adverse reaction to foods.
- 13 Disease and nutrition; therapeutic food

- ¹⁴ Force-feeding; Feeding methods to animals with anorexia, differences between simple starvation and starvation with stress
- 15 Enteral feeding and per-enteral feeding or intravenous feeding, re-feeding syndrome

Feedback on Assignments (exams, reports, etc.)

This course will have a test at the regular examination timing. Feedbacks to students will be performed directly by reporting the results of the exam. If some students fail to achieve the prescribed grade, they will be requested to take test again to reach the grade, and/or make a report about a certain subject.

Course Notes

Since nutrition science is based on biochemistry, it is more preferable to take "animal biochemistry" to understand nutrition though, this course can provide students with sufficient information about the subject.

Contents of Prior and Post-learning (preparation and review)

Students should read textbook before and after each class.

Prior study: Read the textbook carefully in advance and confirm its contents.

After class: Read the textbook again and ask questions if you have any. In some cases, a quiz will be given.

Evaluation Method (including evaluation criteria)

The overall evaluation will be based on exams (70%) and class participation including quizzes (30%). When online classes are mixed in, the percentage will be determined and evaluated by taking into account the attendance and performance on the quiz in addition to the classroom exam.

Textbook

```
愛玩動物看護師カリキュラム準拠教科書 8 巻 動物栄養学/動物外科看護学/動物医療コミュニケーション
```

(日本動物保健看護系大学協会 カリキュラム委員会編) エデュワードプレス

Reference Books, Teaching Materials, etc.

「ベーシック 小動物栄養学」 阿部又信・大島誠之助著 ファームプレス(2019) 978-4-86382-105-7

Course	Small a	nimal Clinical	nutritio	n			SAKANE hiroshi		
Course Period	2nd year/ 1st semester	Required subject 2 credits	Class format	lecture	Cour Classi tion	rse fica n	Specialized Education		
Objectives				i			i		
This lecture	e course is a cor	ntinuation of "smal	l animal nı	utrition'	'. Clini	cal r	nutrition is the study of nutrition to		
prevention a	and treatment of	animals with diseas	se.						
In order to	become profes	ssional veterinary	nurses, the	ey will	learn	prac	tical clinical nutrition and dietary		
evaluation of methods inc	evaluation of food contents, how to select optimum diet for a specific animal with disease and force-feeding nethods including enteral and per-enteral feeding								
Lecture Ou	tline								
Based on the will learn the nutritional f diets practice animals with	Based on the "small animal nutrition" course, they will get more detailed information about clinical nutrition. They will learn the relation between diseases and nutrition. Then they will get information about characteristics of nutritional formula of each therapeutic food for each disease so that they can use commercially available therapeutic diets practically. They also learn how to feed food effectively, including enteral and intravenous feeding, to manage animals with certain disease.								
Lesson Plan	l								
1 General	information 1;B	Basic Nutrition review	w, nutrition	and dise	ease, an	d reg	gulation about commercially available		
pet food	ls.								
2 General	information 2; I	Differences between	dogs and c	ats abou	it nutrie	ents 1	requirements, energy requirement and		
feeding	amount, Life-stag	ge nutrition. Chronic Kidney Dis	ease (renal (dicease)	and die	stary	management		
4 Disease	and Nutrition 1,	1; Canine Urolithia	sis and dieta	arv man	agemen	t.	management		
5 Disease	and Nutrition 2-2	2; Feline Lower Uri	inary Tract of	disease	Urolith	niasis	and FIC) and dietary management		
6 Disease	and Nutrition 3	; Cardio vascular dis	ease and di	etary ma	nagem	ent	, <u>,</u> , ,		
7 Disease	and Nutrition 4	Gastrointestinal dis	sease and di	etary ma	anagem	ent (including pancreatitis and EPI)		
8 Disease	and Nutrition 5	; Liver disease and d	lietary mana	agement	-				
9 Disease	and Nutrition 6-1	1; Importance of op	timum weig	ght, BCS	S and w	eight	t loss		
10 Disease	and Nutrition 6-2	2; Adverse effects c	aused by ot	besity, D	iabetes	, and	l dietary management		
11 Disease	and Nutrition 7	; Adverse reaction to	o food, food	allergy	and die	etary	management		
12 Disease	and Nutrition 8	; Oral health, Period	ontal diseas	e and di	etary m	nanag	gement		
13 Disease	and Nutrition 9	; Other disorders (Ca	ancer Cache	exia, Ost	eoarthr	itis)	and dietary management		
14 Per-ent	eral feeding; For	ce-feeding (including	ng enteral f	eeding)	, Per-en	teral	feeding (intravenous feeding).		
15 Others;	Home-made diet	s and important poin	ts to be note	ed to pre	epare ho	ome-	made diet.		
Feedback of	n Assignments (e	exams, reports, etc.) notion timi	ng Egg	dhaala	to at	udants will be performed directly by		
reporting th	e results of the e	at the regular examine	nts fail to	achieve	the nr	io si Seri	bed grade they will be requested to		
take test aga	est again to reach the grade, and/or make a report about a certain subject.								
Course Not	es		_						
To understand this lecture course, basic knowledge of nutrition is required. Therefore it is recommended that all students who take this course should have acquired credits through "small animal nutrition" course.									
Contents of	Prior and Post-	learning (preparati	on and revi	iew)					
Students sho	ould read textbook	k before and after each	ch class.						
Prior study:	Prior study: Read the textbook carefully in advance and confirm its contents.								
Atter class:	Kead the textbool	k again and ask quest	tions if you	nave an	y. In so	me c	ases, a quiz will be given.		
The overall	evaluation will b	be based on exams (<u>70%) a</u> nd c	lass par	ticipati	<u>on</u> ir	ncluding quizzes (30%). When online		

classes are mixed in, the percentage will be determined and evaluated by taking into account the attendance and performance on the quiz in addition to the classroom exam.

Textbook

愛玩動物看護師カリキュラム準拠教科書 8 巻 動物栄養学/動物外科看護学/動物医療コミュニケーション (日本動物保健看護系大学協会 カリキュラム委員会編) エデュワードプレス

Reference Books, Teaching Materials, etc.

「ベーシック 小動物栄養学」 阿部又信・大島誠之助著 ファームプレス(2019) 978-4-86382-105-7

Course	Veter	inary Nursing of Exc	otic Animal	S				Tsuruno Shinkichi
Course period	4th year, Autumn semester	Required subject 2 credits	Class format	lecture	Co clas	ourse sificat on	S	Specialized Education [Basic Specialized Education
Objectives								
As a vete	rinary nurse, th	e goal is to acquire	a broad kn	owledge o	of ex	otic ani	mals	(mammals, birds, and reptiles),
including the	eir ecology, cha	racteristics, and dise	ases. Only a	after the st	tuden	ts are e	quip	ped with knowledge will they be
able to perfo	orm practical nu	rsing care.						
Lecture out	line	1 1 1	• .• •	1.				
This cours	se will explain t	the ecology, character	ristics, and (diseases n	ecess	ary in t	he nu	irsing of exotic animals. This can
only be done	e after masterin	g the ecology and ch	aracteristics	s of each a	inima	I, Which	n are	different from those of dogs and
situations	euge of annua	i-specific diseases w	ill also be	explained	1 80	inat stu	luem	s can practice nursing in actual
Lesson plan	1							
1 Exotic	c Animals in Ge	eneral (first half)						
2 Exotic	c Animals in Ge	eneral (Second Half)						
3 Hams	ters	,						
4 Ferret								
5 Rabbi	ts (first half)							
6 Rabbi	ts (second half))						
7 Guine	ea pigs							
8 Chinc	hillas							
9 Degu								
10 Hedg	gehogs							
11 Owl-	-monkey							
12 Torto	Dise (first fiail)	IF)						
14 L iza	rds	11)						
14 Liza	hibians							
Feedback or	n assignments	(exams, reports, etc	<u>.</u>)					
Ouestion and	d answer sessio	n via e-mail						
Course Not	es							
None								
Contents of	nrior and nos	t-learning (preparat	tion and re	view)				
Preparation:	Students are re	quired to prepare for	the next cl	ass and un	derst	and the	mea	ning of technical terms etc
Post-lesson s	study: Read the	relevant textbooks a	s if you we	re not in e	ach c	lass ses	sion	
Evaluation	method (inclue	ding evaluation crit	eria)			1455 505	01011	•
50% for regi	ular examinatio	ns. 50% for class par	ticipation					
Textbook		, e e e e e e e e e e e e e e e e e e e	- I					
Color Atlas	of Exotic Anima	als: Mammals, 3rd ec	1.					
(Authors: Sh	inkichi Huono,	, Makoto Yokosuka),	(Publisher:	Midori-sl	hobo)		
Reference b	ooks, teaching	materials, etc.						
Color Atlas	of Exotic Anima	als: Birds						
Birds - Speci	ies, Ecology, Bi	reeding, Diseases - (A	Author: Shi	nkichi Hu	ono),	(Publis	sher:	Midori-shobo)
Color Atlas	of Exotic Anima	als: Reptiles and Amp	ohibians					
(Author: Shi	nkichi Huono,	Tomoaki Nakata), (P	ublisher: M	lidori Shol	bo)			
Basics of Ra	bbits JCRA Boo	ok Kindle Edition (A	uthor: Shinl	kichi Huo	ono),	(Publis	her:	YIL Publishing Co., Ltd.)
Rabbit Medi	cine (Author: S	hinkichi HuoNo), (P	ublisher: M	lidori Shol	bo)			

Course	Veterinary	Medical Com	municat	ion			TOMONO Haruka	
Course Period	4th semester	Required subject 1 credit	Class format	exerci ses	Course Classifica on	i	Specialized Education	
Objectives			1					
1. Client ed	ucation							
1) Understa	and proper bree	ding and provide	the owner	r with	the infor	natio	n necessary for animal health	
managemen	it.						-	
2) Understa	nd how animals	and their owners bu	ild good re	lations	ships			
3) Understa	nd appropriate p	reventive measures	for disease	s (vaco	cination, fil	aria p	revention, flea / tick prevention,	
dental preve	ention, castration	/ sterilization, etc.))			•		
4) Understa	nd communication	on skills in home nu	ursing, etc.					
2. In-hospita	al communication	n	0					
1) Understa	nd informed con	sent, which mainly	provides g	uidanc	e to owners			
2) Understa	and the veterina	ry interview proc	ess (introd	uction,	approval,	ques	tion, listening, summarization,	
confirmation	n, termination, et	tc.)						
3) Understa	nd communication	on skills (reporting,	contact, co	nsulta	tion) relate	l to te	am veterinary medicine	
3. In-hospita	al work						-	
1) Understa	nd the reception	work (medical rece	ption, telepl	none co	orresponde	nce, se	ettlement, trouble handling, etc.)	
2) Understa	nd the purchase a	and management of	goods		1			
3) Understa	nd pet insurance	C	0					
Lecture Ou	tline							
Understand	the basics of price	or interviews, explai	nation of th	e cond	ition of hos	pitaliz	zed animals, and communication	
with other s	taff in the hospit	al.				L		
Lesson Plan	1							
1 Overvie	ew of veterinary	medical communic	ation, infor	med co	onsent			
2 Veterin	ary medical inter	view (introduction,	, approval,	questic	on, listening)		
3 Veterin	ary medical inter	view (summary, co	nfirmation,	termin	nation)			
A Team v	eterinary medici	ne (reporting / cont	act / consul	tation)), in-hospita	l wor	k (purchase and management of	
⁴ goods, j	pet insurance)							
5 Client e	education							
6 In-hosp	ital work (medic	al reception, teleph	one corresp	onden	ice, settlem	ent, tr	ouble handling)	
7 Commu	unication in home	e nursing etc.						
8 summar	ry							
Feedback of	n Assignments (e	exams, reports, etc.)					
Give feedba	ick next week on	reaction papers and	d questions	in clas	ss.			
Course Not	es			_	-			
Exchange o	pinions and role	-play as exercises.	Understand	the ve	eterinary nu	rsing	that you have learned so far, as	
the main for	cus is on commu	nication at a veterir	hary clinic.					
Contents of	Prior and Post-l	learning (preparati	on and revi	ew)				
Pre-class: Re	ead materials rela	ted to the content of	the class.					
Post-class: R	eview handouts a	and lecture content.	• `					
Evaluation	Niethod (includi	ng evaluation crite	r1a)	4	1 1 •	(700		
Evaluation is	s based on the atti	tude of participation	in discussio	ons and	role playin	g (70%	b), reports and assignments (30%)	
Toythool	Textbook							
nothing spec	via1							
Reference R	nui Rooks, Teaching !	Materials etc						
I will introdu	ice it in the ever	ises						

Course	The	eories of Pet Loss and Berea	avement			NIIJIMA Noriko
Course Period	4th year Spring semester	Department of Animal Nursing: 2credits of elective courses ; Department of Animal and Human Relations: Compulsory subjects 2 credits	Class format	lect ure	Course Classific ation	Specialized Education [Specialized Subjects]
Objectives						
In this le	cture, studer	nts will learn various knowled	lge about p	et loss	s (loss of pe	ts and grief caused by the loss of pets)
from the per	spective of s	sociology and thanatology, et	c., with the	aim o	of becoming	g understanding supporters in the field
of veterinary	/ nursing.					
Lecture Ou	tline					
The purp	pose of this of	course is encouraging student	s to provid	e an a	ppropriate j	pet loss support to clients (pet owners)
in their resp	d receive fields	s after graduation. After all	overview (or the		of pet loss, social backgrounds, grief
and their pet	s before and	after the loss of their pets the	ciors to arre	of gr	ief and the	relationship with others around them
By discussir	o the latest	related research students are	expected i	o dee	nen knowle	edge of prevention and of coping with
by discussin	ig the latest	related research, students are	cxpected	.0 ucc	pen known	and of coping with
Lesson Plar	1					
1 What is	net loss the	orv ⁹				
2 Basic k	nowledge of	f pet loss I: Definition of pet l	loss humar	-anim	al bond w	hat is an attachment
3 Basic K	nowledge of	f Pet Loss II: Mental and Phy	vsical Chan	ges (N	Iormal Grie	ef Reactions)
4 Basic K	nowledge o	f Pet Loss III: The Process of	Recovery	500 (1		
5 Basic K	nowledge o	f Pet Loss IV: Background Fa	actors of Pe	t Los	s	
6 Basic K	nowledge o	f Pet Loss V: Preventive Mea	sures and (Coping	y Strategies	for Pet Loss
7 Relation	nships betwe	een pets and their owners I: In	ntroduction	to Pro	evious Rese	earch. etc.
8 Relation	nships betwe	een pets and their owners II: (Current issu	ies. et	с.	···· · · · · · · · · · · · · · · · · ·
9 Loss of	pets I: Intro	duction to Previous Research	, etc.	, ,		
10 Pet Los	s II: Current	Issues, etc.	<i>,</i>			
11 Factors	Affecting P	et Loss I: Introduction to Prev	vious Resea	arch, e	etc.	
12 Factors	Affecting P	et Loss II: Current Issues, etc	•			
13 Coping	with the Lo	ss of a Pet I: Introduction to I	Previous Re	esearc	h, etc.	
14 Coping	with the Lo	ss of a Pet II: Current Issues,	etc.			
15 Summa	ry of Pet Lo	ss Theory				
Feedback o	n Assignme	nts (exams, reports, etc.)				
As feedb	ack for assi	gnments, examples of solutio	ns will be s	hared	and explai	ned.
Course Not	es					
The con	tent and orde	er of each lesson may vary. S	tudents are	recon	nmended to	check Moodle often.
Contents of	Prior and l	Post-learning (preparation a	and review)		
Prior lea	rning "Refle	ect on your personal experience	ces related	to the	content of	each class session.
Post-lesson :	study: "Deep	pen and consolidate the topics	s covered in	ı class	s by reading	g and searching the web.
Evaluation	Method (in	cluding evaluation criteria)				
Grading	breakdown:	Attendance and class perfo	rmance 35	%, ass	ignments 2	5% and final exam 40%.
Textbook				**		
Related	books and re	eferences will be introduced	in the lectu	re. Ha	andouts wil	l be distributed either in classroom or
on Moodle v	when necess	ary.				
Keierence E	books, Teacl	ning Materials, etc.				
Ine Human-L	Animal Bona	<i>i and Grief</i> , W.B.Saunders Con	mpany.=200	iu. Tra	instated by	[第果月夫、山崎思士』ペットロスと
歌医療』 ナ	クサン出版4	江. manion Animal Daathe A Daa	ation and C	ome	handing C-	ida for Vatarinary Drastica, Duttores th
Heinemann -	y 1. 1999.00 =2000 Tranel	Inted by 永田正『コンパニオ	ンアニマル	ompre の死・	mensive Gu	ための実際的包括的ガイド 『 学 察 社

Course	An Int	troduction to N Rehabilitation	/ledical n				TEZUKA Junichi
Course Period	3 rd year 1 st semester	Electives 2 credits	Class format	lectu re	Course Classificati on	Spee	cialized Education
Objectives				1	011	1	
Acquire	basic concepts s	such as rehabilitati	on concept	t, cont	ent and met	hod	(medical, social, occupational,
educational), rehabilitation-1	related law, rehabil	itation-rela	ted occ	cupation, tea	m m	edical care, rehabilitation flow,
community	health and welfa	ire.					
Lecture Ou	tline						
The goal of	this lecture is to	o understand the ph	ilosophy a	nd pur	pose of reha	bilita	tion, to understand disabilities,
and to learn	n how to approa	ich each rehabilitat	ion approa	ch. In	order to pro	ovide	care aimed at "whole human
rehabilitatio	on" to persons w	ith disabilities and	the elderly	, we w	ill learn und	ersta	nding of disabilities (including
thoropy I or	associated with	aging) and evaluat	1011 01 0158 f rohabilita	tion of	s, as well as	pny n ode	lition you will learn about the
mechanism	and movement c	haracteristics of the	human bo	dv that	are familiar	to an	imals and how disorders occur
Lesson Plan		naracteristics of the		ay that		to an	initiais, and now disorders occur.
1 Concer	t and history of 1	rehabilitation					
2 Target	of rehabilitation	various stages of re	habilitation	n			
2 Target (ity theory (Disc	hility is internatio	nal diagon		ification in	tomo	tional disability alossification
3 Disabii	ional classificati	on of functioning	atc)	e class	sincation, in	terna	uonai disability classification,
4 Disuse 1	theory (disuse syr	drome misuse synd	lrome over	use svn	drome_etc.)		
Persons	with disabilities	and nsychology (ng	svchology (of nerse	ons with disa	biliti	es defense mechanism process
$5 \frac{1013011}{000000000000000000000000000000$	ptance of disabili	ities)	sychology	or pers		onn	es, derense meenamsni, process
6 ADL an	d OOL (Classific	ation. Evaluation an	d Outcomes	5)			
7 Rehabil	itation-related oc	cupations and team 1	medical care	e			
8 Medica	rehabilitation (1) Physical therapy, o	ccupational	therap	y, speech the	rapy,	etc.
9 Medica	l rehabilitation (2) Prosthetic limbs / c	orthotics, wl	neelcha	urs, walking	aids, i	rehabilitation equipment
10 Educati	onal, professional	l and social rehabilit	ation				
11 Mechan	ism of the human	n body and rehabilita	tion (Bones	and m	uscles		
12 Mechan	ism of the humar	n body and rehabilita	tion (walking	ng and	running)		
13 Mechan	ism of the human	h body and rehabilita	tion (Sports	5)			
14 Mechan	ism of the humar	n body and rehabilita	tion (Stiff s	houlde	rs, sports inju	ries)	
15 Summa	ry		<u></u>				
Feedback of	n Assignments (e	exams, reports, etc.) •1				
Q & A and	supplementary of	commentary by em	iail				
Course Not	es	• •			× 1111		
It is possible	e to take the cour	rse without any prio	or knowledg	ge, but	I would like	you	to be as interested as possible. I
expect inde	pendent learning	so that I can have r	ny own vie	w of re	ehabilitation.		
Contents of	Prior and Post-I	earning (preparate	baalth and	lew)		m ala	ted to the applied situation it is
Since the co	ontent related to	mind to collect info	rmotion in	nouve	re is closely	rela	ted to the social situation, it is
Evaluation	Method (includi	ng evaluation criter	ria)	news,	newspapers,	eic.	
ratio of class	participation (20	(%) and Routine test	(80%)				
	I I ()		()				
Toythook							
Do not use							
Reference F	Books, Teaching	Materials, etc.					
It will be int	roduced as approp	priate during the lect	ture.				

Course	Veterinary	Rehabilitation a Therapy	and Phys	ical			INOUE Rumi
Course Period	4th year Spring semester	Department of Animal Health Technology Elective 2 credits	Class format	lectu re	Co Class	urse sificati on	Specialized Education [Specialized Subjects]
Objectives		· · · · · · · · · · · · · · · · · · ·	-		•		
Animal re	habilitation ha	s become a grow	ving conce	ern in	vete	rinary	medicine in recent years, and
expectation	ns have been pl	aced on the role of	veterinary	y nurse	es as p	oractiti	oners. In addition, with the aging
of domesti	c animals, impi	roving the QOL (q	uality of l	ife) of	anim	als is b	ecoming more important.
Lecture Ou	tline	. 1 11 • 1	• 1 1•	1••		1	1.1
Students v	vill learn how	to handle animals	in rehabi	litatio	n pro	perly a	and how to use various exercise
equipment	that is effecti	vely restoring fun	ction, and	d will	explo	re and	develop the possibilities of the
various rol	es of veterinary	v nurses in rehabili	tation in s	mall a	nimal	clinica	al practice.
Lesson Plan	1	al Dahahilitatian					
	(1)						
2 Evalua	(1) (vario)	us inspections)		1 1	``		
3 Evalua	tion (2) (range	e of motion measur	ement me	ethod,	etc.)		
4 Manua	al therapy (mas	sage, stretching, e	tc.)				
5 therap	eutic exercise						
6 physic	al therapy						
7 Hydro	therapy (UWT	, etc.)					
8 electro	therapy						
9 comple	ementary thera	ру					
10 Applic	ation of physic	al therapy 1) (pros	thetic dev	rices, p	erfor	mance	optimization, etc.)
11 Applic	ation of physic	al therapy 2) (obes	sity, old ag	ge, etc.)		
12 Applic	ation of physic	al therapy 3) (pain	, arthritis,	etc.)			
13 Creati	ng a treatment	plan					
14 Anima	l Rehabilitatior	n in Practice					
15 Summ	ary and review						
Feedback o	n Assignments (exams, reports, etc.))				
Answers an	d explanations	for the quiz will be	given.				
Course Not	es						
Take atten	dance at every s	ession.					
Contents of	Prior and Post-	learning (preparation to literature r	on and rev	iew)	-ont o	food	lass associat
Fost-lesson	Mothod (includi	ing evaluation criter		ie com	lent o	l each c	
The overall	evaluation will	be based on class p	articipatio	n (509	6) and	lexam	inations, reports, etc. (50%)
Textbook				(007	., un		
Canine Rel	nabilitation" -BA	ASIC LEVEL- HEL	EN NICH	OLSO	N (Ec	lucatio	nal Support Co., Ltd.)
Reference I	Books, Teaching	Materials, etc.					
Rehabilitat	ion of the Dog b	oy Darry L. Millis e	t al.				

Course	Practice of	of Comprehens	ive Vete	rinary		Shin-ichiro Imamura Chie Mogi				
Course		Nursing				Maki Arakawa				
		8				Haruka Tomon				
Course Period	3rd year / full semester	Required subject 2 credits	Class format	training	Course Classification	Specialized Education				
Objectives		I	1	i		•				
Understandi	Understanding, experience and practice of veterinary nursing work.									
Lecture Ou	tline									
Participate i	n medical serv	rices at an actual vet	erinary hos	spital and	integrate what y	ou have learned so far.				
Understand	the outline and	d functions of medi	ical facilitie	es, cooper	ation with veter	rinarians, communication with				
owners, role	es and responsi	bilities as a veterina	ary nurse, a	nd acquire	e practical skills					
Lesson Plan	1									
1 1st sem	ester: Orient	ation for pre-practic	e training							
2	Pre-pra	actice (by on-deman	d), includir	ng report v	vriting after retu	Irning home				
3	Pre-cla	ss 1: Pre-practice co	ommentary							
4	Pre-cla	ss 2: Technical lectu	ure (1) reter	ntion meth	nod, preventive	vaccine, medication, etc				
5	Pre-cla	ss 3: Animal behavi	ior for clini	cal practic	e					
6	Pre-cla	ss 4: Lecture by the	director of	an anima	l hospital					
1	Pre-cla	ss 5: Training hospi	ital introduc	ction and o	lecision					
8	Pre-cla	ss 6: Technical lect	ure (2) surg	1cal instru	ments, echo exa	amination, surgical video, etc				
9	Pre-cla	ss /: Technical lect	ure (3) ieca	I examina	tion, blood test,	cytological examination, etc				
10	Pre-cla	ss 8: How to write a	a resume, n	ow to writ	le a thank-you i	adiaina				
11	Pre-cla	ss 9. Communication	Knowlodge	and nr	and veterinary in	reactical training Document				
¹² distribu	tion		· · · /·			nactical training, Document				
13 Hospita	il practice: One retu	urning home)	raining (inc	luding wr	iting reports and	assignment reports after				
14 2nd sen	nester: Post-cla	ass 1: Group worksh	nop							
15	Post-cl	ass 2: Report and su	ummary of	workshop	results					
Feedback of	n Assignments	(exams, reports, et	c.)	1	((1:					
In the first p	ost-class, the s	students will exchar	ige informa	ation abou	t their experience	the begritale for the students'				
second post	-class, they wi	Il summarize their (overall exp	eriences a	nd present from	the hospitals for the students				
Course Not	D.C.									
Attend all c	lasses before a	nd after the course								
The detailed	scheduled and	time will be posted a	as soon as n	ossible so	please check the	information				
Contents of	Prior and Pos	t-learning (prepara	tion and re	view)	prouse encor in					
Since the lec	ture's theme is	decided in the forme	er class, stud	dents must	review what the	y have learned up to that point.				
Students wil	l be asked to su	mmarize the content	of the day's	s training d	luring the practic	e training period after returning				
home.				_						
Evaluation	Method (inclue	ding evaluation crit	eria)							
The overall	evaluation wil	1 be 30% participat	ion in the	pre-class a	and post-class, 3	30% on the veterinary practice				
evaluation sl	neet, and 40% o	on the practice report	•							
Textbook										
Distribute m	aterials as need	led.								
Reference B	ooks, Teaching	g Materials, etc.								
臨床動物看	護学・各論、臨	床検査学、動物行動	動学、動物图	医療コミュニ	ニケーション、 E	EDUWARD Press				

Guidance Theory of Animal Welfare OHORII Takayuki Course **USHINE** Nana and Proper Care Course Course 1st year, 1st Class Required subject 2 Classifica lecture **Specialized Education** credits Period semester format tion **Objectives** 1. Care and keeping of companion animals. To understand 1) the purpose and concept of proper care and keeping of companion animals, 2) the current state of companion animal keeping, 3) the effects and problems that humans are affected by companion animal keeping, 4) the needs and purposes of companion animal keeping, the outline of grief care and pet loss, the feelings of the owner, and the necessary support. 2. Promotion of proper care and keeping of companion animals. To understand 1) the purpose and activities of support for proper care and keeping (including those by private organizations), 2) the proper care and keeping at animal handling business, 3) the problem of uncontrolled breeding of companion animals and how to deal with it, 4) the matters and methods that should be instructed to the owner as an proper care and keeping method to prevent problem behaviors. 3. Disaster risk management and support for companion animals. To understand (and explain) 1) the importance of evacuation with companion animals in the event of a disaster, 2) the disaster preparedness of companion animals and their owners, 3) the outline of veterinary disaster medicine and the role of veterinary nurses in the event of a disaster. 4. Animal welfare and management administration. To understand 1) the role of veterinary nurses in public health work as the basis for owner guidance, 2) the role and implementation of "Be Kind to Animals Week", 3) the status of picking up and disposing of dogs and cats and injured animals, 4) the details and reporting status of accidents by animals, 5) the activities of the animal welfare and management center and the role of animal welfare promoters and councils, 6) the conditions and roles for the person responsible for animal handling. Lecture Outline After understanding the benefits and purposes of keeping companion animals, understand the promotion activities for proper care and keeping, risk management in the event of a disaster, and the mechanism of animal welfare and management administration. Lesson Plan 1 Proper care and keeping of companion animal, and the current state 2 The effects of companion animal keeping on humans (benefit and problems) 3 The needs of companion animal keeping, and support to the owner (including grief care and pet loss) 4 Promotion of proper care and keeping of companion animals 5 The proper care and keeping at animal handling business (including the problem of uncontrolled breeding) 6 The proper care and keeping of various animals 1: dogs, cats, and others 7 The proper care and keeping of various animals 2: dogs, cats, and others 8 The proper care and keeping of various animals 3: dogs, cats, and others 9 The proper care and keeping of ponies 10 Evacuation with companion animals and the disaster preparedness 11 Veterinary disaster medicine and the role of veterinary nurses 12 Animal welfare and management administration 1: public health work and "Be Kind to Animals Week" 13 Animal welfare and management administration 2: the current state of picking up, disposing and accidents 14 Animal welfare and management administration 3: the role of center, promoter and council 15 Animal welfare and management administration 4: application procedure for animal handling business Feedback on Assignments (exams, reports, etc.) I will accept questions about the assignment by email or orally at any time. After that, individual questions are feedback individually, and overall questions are feedback to the whole. Course Notes Check your Moodle and email for class announcements and materials distributed via Moodle. **Contents of Prior and Post-learning (preparation and review)** Students are expected to read the contents of the textbook related to each class in advance. After the class, students are expected to summarize the contents based on the textbook and handouts. **Evaluation Method (including evaluation criteria)** Overall evaluation based on regular exam (70%) and class participation (30%). Textbook 『愛玩動物看護師カリキュラム準拠教科書 10 巻 適正飼養指導論/動物生活環境学/ペット関連産業概論』一般社団法人 日本動物保健看護 系大学協会 カリキュラム委員会 編 エデュワードプレス **Reference Books, Teaching Materials, etc.**

Information will be introduced as needed.

Course	Practice	Practice of Animal Welfare and Proper Care					©HORII Takayuki USHINE Nana HOSONO Shigeyuki
Course Period	2nd year, All year	Required subject 2 credits	Class format	traini ng	Course Classificati		Specialized Education

Objectives

1. Basic handling of animals. To learn 1) safe handling according to the animal species, 2) safely walk and exercise the animals, 3) choose the proper tools for dog's walk, exercise and communication (collars, harnesses, leads, toys, etc.), 4) perform basic grooming (bathing, brushing, ear cleaning, nail clipping, anal sac treatment, oral hygiene, etc.), 5) proper maintenance of animal keeping environment.

on

2. Communication with the owner of animals. Can explain and teach 1) the characteristics of dogs and cats according to their breed, 2) proper care and keeping of animals (including keeping environment, methods of walking, basic training, etc.), 3) what the owner should comply with in accordance with the law, 4) support for the owner who have difficulty proper care and keeping of animals, 5) support for the owner in the event of a disaster. **3.** Animal welfare and management administration. To understand 1) the activities of the animal welfare and

management center (including a tour of the center), 2) what should be instructed for the animal handling business, 3) the dealing with customers in the animal handling business.

Lecture Outline

In this training, you will acquire the practical skills of the knowledge learned in the subjects related to kindness, welfare and proper care for animals, such as basic handling of animal care and keeping and communication with the owner.

Lesson Plan

- 1 Orientation, handling of various animals (including choose the proper tools, etc.) 1: dogs, cats, and others
- 2 Handling of various animals (including choose the proper tools, etc.) 2: dogs, cats, and others
- 3 Handling of various animals (including choose the proper tools, etc.) 3: dogs, cats, and others
- 4 Handling of various animals (including choose the proper tools, etc.) 4: dogs, cats, and others
- 5 Basic grooming
- 6 Maintenance of keeping environment of various animals 1: dogs, cats, and others
- 7 Maintenance of keeping environment of various animals 2: dogs, cats, and others
- 8 Maintenance of keeping environment of various animals 3: dogs, cats, and others
- 9 Handling and maintenance of keeping environment of ponies 1
- 10 Handling and maintenance of keeping environment of ponies 2
- 11 Explanation to owners who start to keeping animals
- 12 Support for the owner who have difficulty proper care and keeping of animals
- 13 Support for the owner in the event of a disaster
- 14 Tour of the animal welfare and management center
- 15 Instruction for the animal handling business

Feedback on Assignments (exams, reports, etc.)

I will accept questions about the assignment by email or orally at any time. After that, individual questions are feedback individually, and overall questions are feedback to the whole.

Course Notes

It is often the case that the training is divided into groups. Therefore, the detailed schedule will be announced separately.

Check your Moodle and email for class announcements and materials distributed via Moodle.

Get dressed properly for handling of animals.

Contents of Prior and Post-learning (preparation and review)

Check what you have learned in the Guidance Theory for Proper Care and Keeping of Animals related to each lesson. Also, after class, record and summarize what you experienced.

Evaluation Method (including evaluation criteria)

Overall evaluation based on practical skills and assignments (60%) and class participation (40%).

Textbook

None in particular. Handouts will be distributed as needed.

Reference Books, Teaching Materials, etc.

『愛玩動物看護師カリキュラム準拠 動物看護実習テキスト 第3版』

愛玩動物看護師養成専修学校教科書作成委員会 編 エデュワードプレス

Other information will be introduced as needed.

Course	Study of Co	mpanion Animal Ca	are(Groom	ing)				⊖FUKUYAMA takaaki MAKI arakawa
Course Period	1st year 1st semester	Required subject 2 credits	Class format	lecture	Co Cla at	ourse ssific tion	Spec	cialized Education
Objectives	1	• 1• 11 1 1					•	с · · 1
The goal is	to acquire the sp	ecialized knowledg	e necessary	to carry	out	groon	ung o	care for companion animals.
The acquire	d content is limi	ted to basic knowled	dge in the g	rooming	r fiel	d and	know	wledge such as animal handling
necessary fo	or risk managem	ent technical terms	s and equir	ment kr	owl	edge u	ised i	n the grooming care field and
morphologi	cal characteristic	es of animals to be	cared for is	s targeted	1 for	acqui	sitior	Will be. Proper breeding and
care of cats	requires correct	knowledge and und	derstanding	. Explain	ns ba	usic kn	owle	dge and grooming care such as
physical cha	aracteristics such	as cat skin coat, ph	ysiology, h	abits, an	d etl	hology		
Lesson Plan	l	•						
1 Purpose	and effect of gro	ooming						
2 Dog boo	dy name for groo	ming (front body)						
3 Dog boo	dy name required	for grooming (midd	lle body)					
4 Dog boo	dy name (posterio	or body) required for	grooming					
5 Cat Bre	eds and Coat Typ	es and Pahavian						
7 Feline h	bouy Mechanism	s allu Dellavioi						
8 Groomi	ng equipment	Johning Care						
9 The rele	evance of the bree	ed standard and groo	ming					
10 Basics of	of Canine Skin ar	nd Coat	0					
11 Canine	Skin Infections							
12 Canine	Atopic Dermatiti	s and Food Allergy						
13 Canine	skin microbiome	and intestinal flora						
14 Canine	Skin Care and Sh	nampoo Therapy						
15 Canine	Handling							
Feedback of	n Assignments (e	exams, reports, etc.))					
The assignm	ents will be explanate	ained and critiqued a	s necessary.					
L will instruc	es et vou because vo	ur belongings will c	hange dene	nding on	the (conten	t of tl	ne class (announced in class and
on the bullet	in board).	di belongings will e	nange uepe	nung on	the	conten	t of u	te class. (announced in class and
Contents of	Prior and Post-	learning (preparati	on and revi	iew)				
Prior study "	Read the textboo	k and handouts relat	ed to the co	ntent of e	each	class s	essio	n.
After class "	Review of class of	content after each cla	uss (90 minu	ites)				
Evaluation	Method (includi	ng evaluation criter	ria)				-	
Overall eval	uation based on a	assignments (exams a	and reports)	75%, cla	iss pa	articipa	ation	25%.
Textbook								
『犬の解剖	カラーリングア	「トラス」学窓社						
▮全て種標		ウイルクフラ						
[THE COMPLETE DOG GROOMING BASIC TECHNIAL MANUAL]								
(MAIN	Vol)(SEPARAT	'E Vol) (DVD) 教	育サポート	・センタ・	_			
Reference B	ooks. Teaching	Materials, etc.						

I will instruct you in the class..

Course	Practic	e of Companion Ar (Basic Grooming	nimal Care g)		OFUKUYAMA takaaki THUHIYA emi TAKEDA athuko HAYAKAWA yuko			
Course Period	1st year Full semester	Required subject 2 credits	Class format	traning	Course Classific ation	Specialized Education		
Objectives								
Based on v	vhat you learne	d in the companio	on animal o	care (gro	ooming) th	eory, you will learn the grooming		
techniques	necessary for br	eeding and managi	ng dogs an	d cats. 7	The goal is	to learn how to observe the health		
condition of	f dogs and cats, h	now to observe body	y language	and how	to interpre	t the results, how to retain it, how to		
use and stor	e specialized equ	uipment, and so on.						
Lecture Ou	tline							
Basically, th	he lessons are d	eveloped in a prac	tical manne	er while	actually h	andling dogs (cats). In some cases,		
viewing of	documentary im	ages and observation	on of practi	cal skills	are added	to the practical skills. We will learn		
about each	work while work	ting on it comprehe	nsively.					
Lesson Plan	1							
1 Cat gro	oming. Nail clipp	oing, brushing, basin	g, and dryin	g care.				
2 Identifie	cation of groomir	ng tools and preparat	tion for groo	oming car	e tasks.			
3 Observi	ng the canine's b	ody language and ha	ndling it in	and out o	of the cage	and on the table.		
4 Canine	leash control, lea	sh tying. Canine han	dling techn	iques (la	rge and sma	ıll dogs).		
5 Holding	g and handling of	grooming equipmer	nt. Brushing	care usir	ng combs ai	nd brushes.		
6 Baising	and drying care.							
7 Baising	and drying care.	Blowing temperatur	e and air vo	olume set	tings.			
8 Clippin	g . Coat shaping	using a clipper.						
9 Clippin	g. Fine coat treat	tment. Sole care.						
10 Nail cli	pping. Toe contro	ol and use of nail clip	opers.					
11 Groomi	ng large dogs. He	ow to keep large dog	s in place a	nd use sp	ecial equip	ment.		
12 Legs ha	ndling and head	holding.						
13 Scissor	work. Holding a	nd using scissors.						
14 Dry car	e without water.							
15 General	review.							
Feedback o	n Assignments (exams, reports, etc.)					
The assignm	ents will be explained	ained and critiqued a	as necessary	•				
Course Not	es	11 • 1 •	•	c 1	1			
Students mu	st wear a uniform	and bring their own	n equipment	tor each	class.			
Contents of	Prior and Post-	learning (preparati	on and rev	iew)	•			
Prior learnin	ig "Check the mai	nual for the work to	be done in e	each class	s session.			
Atter-school	study Read the	course content after	each class.					
Evaluation	Method (Includi	ng evaluation crite	r_{1a}	1 -1		(500/)		
Overall eval	uation will be bas	sed on practical skill	s(50%) and	i class pa	rticipation	(50%).		
TEXIDOOK		DOMINIC DAGIC 1	FECHNICA	ΙΜΑΝΠ		N Val		
THE COM	PLETE DOG GR	COMING BASIC 1	ECHNICA	L MANU	JAL MAN	DATE Vol		
THE COM	DI ETE DOG GR	COMING PASIC 1	TECHNICA		$\mathbf{M} = \mathbf{M} \mathbf{M}$	MATE VOI.)) 教会サポートセンター		
THE CONFLETE DOG GROOMIING DASIC TECHNICAL MANUAL (DVD) 教育サホートセンター								
Keierence I	海聿』 ジャパン	レムシルカラブ						
』土八1里惊	午貢』 イイハイ	シャルクノノ						

Course	Practic	e of Companion An (Advanced Groomin	imal Care ng)	; 		OFUKUYAMA takaaki THUHIYA emi TAKEDA athuko HAYAKAWA yuko					
Course Period	2nd year Full semester	Required subject 2 credits	Class format	traning	Course Classific ation	Specialized Education					
Objectives	1			1		1					
The goal is	to stably impler	nent the knowledge	and techn	ical cont	ent acquire	ed in the basic training to ensure the					
safety of hu	mans and anima	als for dogs of variou	is ages, fe	mperame	nts, and size	zes. Set the theme care work in each					
class and try	v to acquire it.				1100, uno 51						
Lecture Ou	tline										
In addition	to the dog health	and management le	arned in th	ne compa	nion anima	al care (basic grooming) training, we					
will practice	e the retention m	ethod of diversifying	g breeds a	nd the me	thod of ski	in health care. In order to acquire the					
ability of de	ability of dogs to apply to various behavior patterns, we will also use dogs that are somewhat difficult to handle										
and practice	nd practice grooming care methods according to the dog's life stage, breeding environment, and breeding purpose.										
Lesson Plan	esson Plan										
1 Groomi	2550n Plan 1. Grooming Care, Basic review										
2 Groomi	ng care Scissors	and shears test. Forc	ens with co	otton proc	luction						
3 Groomi	rooming care. Scissors and shears test. Forceps with conor production.										
4 Groomi	Grooming care. Hairball care (using special equipment).										
5 Groomi	ng care. Seasona	l (for hot and humid)	environme	nte)							
6 Groomi	ng care. Seasona	l (for cold and dry en	vironment	nts). s)							
7 Groomi	ng care. Mutual	confirmation	vii onnent	5).							
7 Groomi	ng care. Work ev	valuation methods									
0 Groomi	ng Care. Wolk ev	ding onvironment									
9 Oroomi	ng care. Dy blee	(mousso)									
10 Groomi	ng care. Dry care	e (mousse).									
12 Groomi	ng care. Dry care	e (powder).									
12 Groomi	ng care. Foam ci	eannig.									
15 Gioonii	ng care. Life stag	ge (old dog).									
14 GIOOIIII	lig care. Large ca	anne breed care.									
15 Compre	enensive groomin	ig care application.									
Feedback of	n Assignments (exams, reports, etc.)	1								
Verbal evalu	ation of the tech	nique will be given in	i class.								
Course Not	es		· · · · · · · · · · · · · · · · · · ·	د د	-1						
Students mu	st wear a uniform	h and bring their own	equipmen	t for each	class.						
Contents of	Prior and Post-	learning (preparation	on and rev	new)							
Prior learnin	ig "Check the ma	nual for the work to t	be done in	each class	s session.						
Atter-school	reliable to the course content after each class.										
Evaluation	will be be	and on prostical skills	(500/) on	d alaga pa	rtigination	(500/)					
Towth a al	uation will be ba	see on practical skills	s(30%) and	u ciass pa	ncipation	(JU70).					
TEXIDOOK				ΙΜΑΝΠ		NI Vol					
THE COM	I LETE DUU UK DI ETE DOC CE	COMING RASIC I	ECHNICA	AL WIANU	JAL WIAH	RATE Vol					
THE COM		COMINC DASIC I		AL IVIAINU		NALL VOL) 数合サポートセンター					
		Meterials of a	ECHNICA		JAL (DVI	フ 秋月 ワ かって ドビングー					
	Reference Dooks, Teaching Materials, etc.										
	「準音』 ンヤハン	マイルクフラ									

Course	Co	mpanion Animal S	cience				○FUKUYAMA takaaki KOJIMA atsushi HAYATA yukiko						
Course Period	3rd year 1st semester	Required subject 2 credits	Class format	lecture	Course Classific ation	Specialized Education							
Objectives													
Learn the or	rigin, evolution,	and classification	of dogs, ca	ts, and b	oirds, whic	h are	typical companion animals in						
Japan, as bas	sic knowledge. A	fter that, he becom	es a compai	nion anir	nal and lear	rns ab	out diseases that are artificially						
created and	fixed in vario	us morphologies a	nd genetic	backgro	ounds. The	e goa	1 is to acquire the necessary						
morphologie	cal and cultural k	knowledge when nu	rsing comp	anion ar	nimals clini	cally.							
Lecture Out	tline	6	0 1			,							
The lecture	The lecture will be divided into three parts: dogs, cats, and birds. In addition to the origin, evolution, and												
classificatio	lassification of each animal species, morphological functions and major diseases are also explained. It also												
explains the	xplains the cultural aspects behind the creation of companion animals and the social mechanisms for maintaining												
and managin	and managing them.												
Lesson Plan													
1 Evolut	Lesson Plan												
2 Bird be	no anatomy ar	d discosso its pur	aina										
2 Dirube	ny and discosed	of the digestive a	ustom of h	irda									
4 Rospin	atory and uring	or the digestive s	discosos of	f hirda a	nd thoir n	unair	a construction of the second se						
5 Apotor	atory and discosso	of hird broodors	und thoir r	ursing		luisii	iig						
5 Allaton	ly and disease	of bird breeders a		lursing									
7 Evtorm	al form of oot (assilication of cats	5										
/ Extern	al form of cat C	at breed pigment	ah ant hain										
o Extern	al morphology	of cats Long and	snort nair										
9 Cat bre	eeding												
10 Cat dis	sease	aloggification of d	0.000										
11 Origin,	, evolution and	classification of o	logs										
12 Dog cos	at color and siz												
15 Dog se	nsory ability ar	nd work	. 1 1	1									
14 Morph	ological charac	teristics present i	n dog bree	ds.									
15 Dog br	eeds and regist	ered organization											
Feedback of	n Assignments (e	exams, reports, etc.)										
we will expl	ain and comment	t on the issues as app	propriate.										
Course Note	es act and hind	hand nomen which	ana oftan ha	ad in Tar		hald	an the manifes of monomation						
Classes for d	Derion and Deri		are often bi	red in Jap	ban, will be	neid	on the premise of preparation.						
Contents of	Prior and Post-	earning (preparati	on and rev	lew)									
Pre-study R	ead the materials	related to the conte	ah losson"	lesson									
Fost-study	Kevlewing the les												
Evaluation	ive eveluation be	ng evaluation crite	ria)	ing attit	$1d_{2}(250/)$	md ac	signments (750/)						
Toytheoly	ive evaluation Da	see on class particip	auon / lean	nng attitt	100 (23%) 8	inu as	signments (7.5%).						
IEXIDOOK 『小自図磁	□ 弐 + + + + + + + + + + + + + + + + + +	•											
	』		· \[/ +[
コンパニ	オンパードの病	「凤白科」 誠又 室 制	* 尤 仁										
∥猫の教科	吾』 ベットライ	フ社											
Reference B	ooks, Teaching	Materials, etc.											
Distribute	materials in cla	ass											

Course	Fa	rm Animal Sci	ience			MURAKAMI Takahiro				
Course Period	3rd year, 1st ^t semester	Required subject 1 credit	Class format	lecture	Course Classific ation	Specialized Education				
Objectives			I	1						
The final g	final goal of this course is to understand history, and social status and characteristics of farm animals by									
comparing t	omparing them with related wildlife species. This course also aims to provide various knowledge of farm animals									
including h	ncluding horse, cow, sheep, goat, pig, and chicken. Major breeds, physiological characteristics, sexual cycle,									
eproduction, and rearing methods will be explained.										
In this cours	se students will	learn history breed	s rearing a	nd mana	gement me	ethods of farm animals. Through the				
course, we	focus on how d	omestication chang	e behavior	and mo	rphology (of each species. Students will learn				
history, bree	eds, characteristic	cs and rearing meth	ods of majo	or indust	rial animal	S.				
Lesson Plan	1	~								
1 What a	re industrial anim	nals?								
2 Horse a	s a farm animal;	History and charac	teristics							
3 Cow as	a farm animal; I	History and charact	eristics							
4 Sheep a	and goat as farm	animals; History ar	nd character	istics						
5 Pig as a	a farm animal; H	istory and character	ristics							
6 Chicker	n as a farm anim	al; History and cha	racteristics							
7 Furbeau	rers as farm anim	hals; History and ch	aracteristic	S						
8 Summa	ry of farm anima	al science								
Feedback of	n Assignments (e	exams, reports, etc.)							
A quiz will following cl	be given in eac	h class, and explan	ations, resp	ponses a	nd comme	nts of the quiz will be given at the				
Course Not	es									
Students of	this course ar	e recommended to	review b	asic gen	etics, ana	tomy, and physiology as they are				
fundamenta	l knowledge to u	indertand farm anin	nal science.	C						
Contents of	Prior and Post-	learning (preparati	on and revi	ew)						
Prior learnin	ng: Before each o	class, check the point	nts of the th	ieme.						
Post-lesson	study: After each	h class, students sho	ould review	essentia	l parts of the	he lecture and the quiz				
Evaluation	Evaluation Method (Including evaluation criteria)									
Textbook		be based on regular	examinatio	118(30%)	and quizz	es(30%)				
動物看護士	教育コアカリキ	ュラム 2019 進枷・	• 応用動物	看護学3	、動物行重	カ学・伴侶動物学・産業動物学・実				
験動物学·	野生動物学,	株式会社インター	ーズー. A	pplied A	Animal He	alth Nursing (3) Animal Behavior,				
Companion	animal science,	farm animal science	e, experime	ntal anir	nal science	e and wild animal science; following				
the Core Cu	rriculum for Ani	mal Nursing Educa	tion 2019,	Interzoo,	, Tokyo.					
Keterence Books, Teaching Materials, etc.										
家畜化とい	う進化,リチャ	ード・C・フラン	シス,西尾	《香苗訳,	,白揚社.	Francis, R.C.2015. "Domesticated;				
Evolution ir	tion in a Man-Made World". Hakuvousha. Tokvo.									

Evolution in a Man-Made World", Hakuyousha, Tokyo.

Course	Labo	oratory Anima	al Science	2			Shin-ichiro Imamura Takashi Umemura Nana Ushine					
Course Period	3rd year / 2nd semester	Required subject 1 credit	Class format	lectur	C Class	ourse sification	Specialized Education					
Objectives												
Understand	their history, s	social position, and	d characteris	stics whi	le cor	nparing co	ompanion animals, experimental					
animals, and	animals, and wild animals.											
Understand methods of	the purpose a experimental a	nd significance of nimals, genetic co	f animal exp ntrol, enviro	perimenta nmental	s, and contro	understar ol, disease	id the use control and breeding models, etc.					
Lecture Ou	tline											
Learn about experiments	the breeds and s, species and c	breeding manager onservation, and in	ment method ndividual and	ls of exp d group	erimei manag	ntal animal gement.	s, their involvement with animal					
Lesson Plan	1											
Introdu laborate2Ethics a 33Compar 44Compar 55Breedir 66Genetic 77Disease 88ExtrapoFeedback of Each instructCourse Note	ction to laboration ory animals, his and regulations rative biology of ag and reproduce and microbiol e models and ge plation from an n Assignments ctor will be req	tory animal science story and future pr of animal experin of various laborato of various laborato ction of laboratory logical control of la enetically modified imal experiments to (exams, reports, e uired to write one	e: significant ospects nents ory animals (ory animals (animals aboratory and animals to humans tc.) report, whic	ce of ani mice, ra cats, dog imals h will be	mal e: ts, har gs, pig	xperiments nsters, ger s, and mor	s, definition and use of bils, guinea pigs, rabbits). hkeys, etc)					
Since there fully discuss with this in	are two sides to s the pros and o mind.	o animal experime cons of animal exp	nts, it is nece periments wit	essary to th those	keep who d	your own isagree. I l	opinions clear so that you can hope you will attend the class					
Contents of	Prior and Pos	t-learning (prepar	ation and re	view)								
Although m	aterials will be	distributed each the	ime, students	s are exp	ected	to prepare	for the class at their own					
discretion. S	discretion. Still, for review, students are expected to organize their notes on the class and materials.											
Evaluation A comprehe	Evaluation Method (including evaluation criteria) A comprehensive evaluation will be made based on class participation (30%), final exam (50%), and report (20%).											
Textbook												
Distribute m	aterials as need	ed.										
Reference Books, Teaching Materials, etc.												
最新実験動	物学、朝倉書	 店										

Course	Wild Animal Science MURAKAMI Takahiro														
Course Period	2nd year, 2nd semester	Required subject 2 credits	Class format	lecture	Cours Classif ation	e ïc	Specialized Education								
Objectives				1											
The objectiv	ve of the course it	to understand histo	ries, proble	ems, and	characte	eristics	of wildlife and domestic animals								
such as zo	o animals. Reg	arding to wildlife,	students	learn bio	odiversi	ty, coi	nservation, endangered species,								
introduced s	species and their	problems with hum	ans. Regar	ding to d	omestic	anıma	als, students learn important rolls								
Lecture Out	tline	liais.													
In this lecture	ure, we will lea	rn about the funda	mentals of	² wildlife	and d	omesti	c animals. Evolution, historical								
perspectives	perspectives, and biological characteristics of them. In addition, this course aims to explain various knowledge														
relate to wil	elate to wildlife and zoo animals; law system, study methods, conflicts with human, and practical way to coexists														
between ani	between animals and human														
Lesson Plan	Lesson Plan														
1 Unders	1 Understanding real problems with wildlife														
2 Wildlife	2 Wildlife evolution, taxonomy, and biological diversity														
3 Law sy	3 Law system and nature reserves for wildlife conservation														
4 Wildlife	e study methods														
5 Charact	teristics and prob	plems of deer, serow	and boar												
6 Charact	teristics and prob	olems of bears													
7 Charact	teristics and prob	plems of fox, raccoo	on dog and	other wil	dlife										
8 Charact	teristics and prob	olems of birds close	ly relate to	humans											
9 Overvie	ew of introduced	species; Damages	to original	ecosyste	n and c	ounter	measures								
10 Overvie	ew of endangered	d species and conse	rvation												
11 Overvie	ew of extinct spe	cies and controvers	ies of their	reintrod	uction										
12 Signific	cance of zoo and	zoo-animals													
13 Individ	ual and group ba	sed cares of zoo-an	imals and c	care for the	heir beh	avior									
14 Manage	ement of zoo and	l zoo-animals													
15 How ca	in we coexists w	ith wildlife													
Feedback of	n Assignments (e	exams, reports, etc.))												
A quiz will	be given in eac	h class, and explan	ations, res	ponses a	nd com	ments	of the quiz will be given at the								
following cl	lass.														
It is recomm	es vended to have w	vide interests in wild	llife proble	me and z	o anim	ale thr	ough daily name or other medias								
Contents of	Contents of Prior and Post-learning (preparation and review)														
Prior learning: Before each class, check the points of the theme.															
Post-lesson	Post-lesson study: After each class, students should review essential parts of the lecture and the quiz														
Evaluation	Evaluation Method (including evaluation criteria)														
The overall	The overall evaluation will be based on regular examinations(50%) and quizzes(50%)														
Textbook	1. in motion of the	1 Matarial	1: 04 mil4 1	den den de	14										
I ne textboo	K 1S not specified	1. Materials will be	uistributed	auring t	ne lectu	re.									
コアカリ野	生動物学、日本	野生動物医学会編	、文永堂出	版. Core	currici	lum: V	Vildlife biology. Japanese society								
of zoo and	l wildlife medici	ne ed., Buneido pul	olishing												
		*	~												

Course	Regulatio	ons for Veterin	ary Nur	sing			Fukiko UEDA							
Course Period	1st year, 1 st semester	Required subject 1 credit	Class format	lecture	re Course Classific ation Specialized Subjects									
Period semester 1 credit format recurr Classing ation Specialized subjects Objectives I. General theory of law. To understand 1) the legal system, 2) the laws and regulations related to veterinary medicine and the relationship between animal nurses and veterinary medicine. Yuderstand 1) the purpose and definitions of the Act (including licensing, examinations, duties and penaltics). Yuderstand 1) the purpose and definitions of the Act (including licensing, examinations, duties and penaltics). 3. Administrative regulations related to Veterinary medicine. To understand 1) the outline of the 'Vetor on the Prevention of Infectious Diseases and Medical Care for Patients with Infectious Diseases', 2) the outline of the 'Rabies Prevention Act'. 5. Pharmaceutical administration laws and regulations. To understand 1) the outline of the 'Act on Securing Quality, Efficacy and Safety of Products Including Pharmaceuticals and Medical Devices', 2) the outline of the 'Narcotics and Psychotropics Control Act', 3) the outline of the 'Poisonous and Deleterious Substances Control Act'. Lecture Outline Learn about the basic laws and regulations related to animal care and to understand the role of the pet animal nurse in society. Lesson Plan General Theory of Law II (Laws and regulations related to veterinary medicine and the involvement of veterinary nurses) 3 'Aigandoubtut-Kangoshi-hou (Veterinary Nursing Act)' 4 Administrative regulations related to Veterinary medicine II (Veterinary Practice Act') Public health administrative regulations II (Rabies Prevention of Infectious D														
Feedback o Summarize	the scoring and c	(exams, reports, et communicate the pr	oblem.											
Write down	Course Notes Write down the points and notes of the lecture by hand in a notebook													
Contents of	f Prior and Post	-learning (prepara	tion and r	eview)										
Prior to the	lecture: prepare	an overview of the	content usi	ng key wo	rds.									
Post-lecture	study: Organize	the main points of	each lectur	e.										
Students are	e assessed based	on of a terminal exa	amination (70%) and	class parti	cipa	ation (30%).							
Textbook 愛玩動物看	護師カリキュ	ラム準拠教科書シ	リーズ 5	巻										

公衆衛生学/動物看護連法規/動物愛護・適正飼養関連法規 一般社団法人 日本動物保健看護系大学協会 カリキュラム委員会編、Eduward Press ISBN 978-4-86671-159-1 (in Japanese) Reference Books, Teaching Materials, etc.

Course	Regulations Proper Car	s for Animal e	Welfar	e and				KOJIMA Kayoko		
Course Period	1st year 1st semester	Required subject 1 credit	Class format	Lecture	Co Cla a	ourse assific tion		Specialized Education		
Objectives										
1.Basic con	cepts of Animal	welfare and Proper	animal car	e						
(1) Unders 2. Administ (1) Unders (2) Unders	tand the Act to A rative Laws relat stand the Act on V stand the Act on V	Animal welfare and ted to Animal welfa Welfare and Manag Safety of Feeds and tion and Environme	Proper ann re and Prop ement of an Pet foods	nal care, per anima nimals	and al ca	the Ro	ole o	f Pet animal nurses.		
(1) Unders	tand the Act on	Assistance dogs for	Persons wi	ith Physic	cal (licabili	ties			
(1) Unders	tand the Regulat	tions of Waste Man	agement an	d Public	Cle	ansing	Law	7		
(2) Unders	tand the Render	ing plant control Ac	igement an	u i uone	CIC	ansing	Law			
4. Act and t	reaties related to	wildlife								
(1) Unders	tand the outline	of biodiversity								
(2) Unders Specie	stand the Act on	the Prevention of A	Adverse Eco	ological	Imp	acts Ca	ause	d by Designated Invasive Alien		
(3) Unders	tand the Conven	tion on Internationa	al Trade in	Endange	red	Specie	s of	Wild Fauna and Flora		
(4) Unders	tand the Act on	Conservation of En	dangered S	pecies of	Wi	ld Fau	na ar	nd Flora		
(5) Unders	tand the Act on	Wildlife Protection,	Control, an	nd Huntii	ng N	Aanage	emen	t		
(6) Uunder	rstand the Conve	ention on Wetlands	of Internation	onal Imp	orta	nce esp	pecia	ally as Waterfowl Habitat		
(7) Unders	tand the System	for the protection of	of wild anin	nals and p	plan	ts unde	er the	e Nature Park Law		
(8) Unders	stand the System	n for the protection	n of rearin	ganimals	an	d wild	life 1	under the Act on Protection of		
	al Properties									
Lecture Ou Understand	about various A	cts and regulations	related to A	nimal w	elfa	re and	nron	er animal care		
And Unders	stand how Huma	n and Animals shou	ild coexist.		ciia		prop	er annhar eare.		
Lesson Plan	<u></u>									
1 The Ro	le of Pet Animal	Nurses in Promotin	ng Animal v	welfare a	nd l	Proper	Anir	nal Care		
2 Act on	Welfare and Mar	nagement of animal	S			-				
3 Act on	Safety of Feeds	and Pet foods								
4 Act on	Assistance dogs	for Persons with Pl	hysical disa	bilities						
5 Laws re	elated to environ	mental health								
6 Laws re	elated to wildlife	e(1)								
/ Laws re	elated to wildlife	e(2)								
o Suillina Foodback or	n Assignments (wome ronorte oto)							
In the next of	class respond an	d comment on the y	<i>v</i> iews and o	mestions	in t	he reno	ort			
Course Not	es	d comment on the	iews and g	laconono		ne rept	11			
None										
Contents of	Contents of Prior and Post-learning (preparation and review)									
Prior learnin	Prior learning: Gather information, make your own predictions, and have an opinion in the next class.									
After learnin	After learning Reflect on the class content and submit report									
Evaluation	Method (includi	ng evaluation criter	ria)		-		. 1			
The overall of Transfer of the other	evaluation will be	e based on 40% parti	cipation in	the class a	and	60% in	the	report and regular test		
Textbook 『愛玩動物	看護師カリキュ	ラム準拠教科書	5巻 公衆	衛生学/	/動	物看護	関連	証法規/動物愛護・適正飼養関		
連法規』	一般社団法人丨	日本動物保健看護系	系大学協会	カリキュ	.ラ.	ム委員	会約	扁 エデュワードプレス		
Reference E Hand out ma	Books, Teaching	Materials, etc.								

Course		Medical safet	y				Mioko Honda							
Course Period	4 th year 2 nd semester	Electives 2credits, Required subject 2credits	Class format	Lecture	Co Cla a	ourse assific ition		Specialized Education						
Objectives														
Safe securer	nent about medi	cal treatment is one	of most im	portant p	prot	olems i	n a m	nedical site.						
It's understo medical sup	plies, a medical	it human error and equipment and oper	accident p rational soc	revention iety.	n ar	nd brev	v "Sa	afe culture" by maintenance of						
Lecture Out	tline													
To aim sym pet allied ind Risk manage based on cas	biosis of an anin dustries about sa ement such a exo sein detail.	nal with a person, i fety of idea animal clusion, an accident	t's necessar medical tre prevention	ry to con eatment. and recu	side urre	er "One nce pre	e heat	Ith" an animal medical site and ion of dangerous factor, lecture						
Lesson Plan1 Medica2 Health of3 About of4 Program5 What is6 Index in7 With the8 Distinct9 Evaluat10 Admini11 Redesig12 Source13 About of14 A medic15 Summa <td co<="" td=""><td colspan="10">Lesson Plan 1 Medical safety and human factor. 2 Health care worker's mental attitude is re-recognized. 3 About differentiation, an investigation and analysis of medical safety. 4 Program creation of medical safety. 5 What is high business process of risk? 6 Index in medical safety and medicine related accident. 7 With the business process which influence safety. 8 Distinction of danger about a working environment. 9 Evaluation tool for medical safety and measured data collection. 10 Administrative report of desirable medical safety. 11 Redesign of business process to reduce an error. (Harm analysis and observation) 12 Source necessary to redesign in of business process. 13 About counter measure and order of priority. 14 A medical safety program on its workplace is estimated. 15 Summary. (from BCP to BCM) Feedback on Assignments (exams, reports, etc.) A A clinning memo of neugener report about medical safety.</td></td>	<td colspan="10">Lesson Plan 1 Medical safety and human factor. 2 Health care worker's mental attitude is re-recognized. 3 About differentiation, an investigation and analysis of medical safety. 4 Program creation of medical safety. 5 What is high business process of risk? 6 Index in medical safety and medicine related accident. 7 With the business process which influence safety. 8 Distinction of danger about a working environment. 9 Evaluation tool for medical safety and measured data collection. 10 Administrative report of desirable medical safety. 11 Redesign of business process to reduce an error. (Harm analysis and observation) 12 Source necessary to redesign in of business process. 13 About counter measure and order of priority. 14 A medical safety program on its workplace is estimated. 15 Summary. (from BCP to BCM) Feedback on Assignments (exams, reports, etc.) A A clinning memo of neugener report about medical safety.</td>	Lesson Plan 1 Medical safety and human factor. 2 Health care worker's mental attitude is re-recognized. 3 About differentiation, an investigation and analysis of medical safety. 4 Program creation of medical safety. 5 What is high business process of risk? 6 Index in medical safety and medicine related accident. 7 With the business process which influence safety. 8 Distinction of danger about a working environment. 9 Evaluation tool for medical safety and measured data collection. 10 Administrative report of desirable medical safety. 11 Redesign of business process to reduce an error. (Harm analysis and observation) 12 Source necessary to redesign in of business process. 13 About counter measure and order of priority. 14 A medical safety program on its workplace is estimated. 15 Summary. (from BCP to BCM) Feedback on Assignments (exams, reports, etc.) A A clinning memo of neugener report about medical safety.												
Course Note	2S													
Have admira Personally, a	ations in newsca a problem is put	sting about medical in order by point no	safety and stebook.	report.										
Contents of	Prior and Post-l	earning (preparati	on and revi	ew)										
Be respective	ely about notice of	of next lecture conten	nts and prep	are.										
Evaluation	Method (includi	ng evaluation criter	ria)											
Report subm	ission and coordi	nation a point noteb	ook.											
Textbook	noted in nortice-1-	m Motorial in distril-	utad aach th	ma										
it isn t desig	nateu in particula		uteu each th	me.										
Reference B ISBN978-4- ISBN978-4-	ooks, Teaching 1 05–605000–4 GA 05–152383–4 GA	Materials, etc. KKEN, 1860500000 KKEN, 40–17500												

Course	Animal	Geriatrics Tec	chnology	r			TOMITA Sachiko, SUZUKI Tomoko, HONDA Mioko					
Course Period	4 th year 1st semester	Electives 2 credits	Class format	Lect ure	Con Class	urse ificati n	S	pecialized Education [General Subject]				
Objectives	1											
With the pro	ogress of veterin	ary medicine and ch	nanges in th	ne lifes	tyles o	of hum	ans a	nd animals, the lifespan of cats				
and dogs ha it is importa to explain v managemen of life (QOI animals. To	s increased dram int to be able to u whether these chi it, disease treatm L) of elderly ani be able to provid	atically, but at the sa inderstand the physical anges are physiologient and nursing. To mals, which leads the de proactive prevent	ume time, va ical change gical or pat understand o disease p tive nursing	arious s that of hological the ne prevent g care f	proble occur cal. To cessit ion, a for eld	ems have in dogs to be ab y of ma nd to b erly an	ve ari s and ole to aintai be abl aimal	sen in older animals. Therefore, cats as they age, and to be able explain the methods of health ining and improving the quality le to educate owners of elderly s.				
Lecture Ou	tline		11	1	. 1	• • • •	1	• 1 1.1 •				
This lecture surrounding knowledge	will define what them, and provi of these changes	t an aged animal is, ide a lecture on the , and the necessary	changes in charges in	e unde each c e to de	rstand organ (al wit	ing of a of the b h them	aged oody . Gri	animals and the circumstances that occur with aging, accurate ef care will be lectured.				
Lesson Plan	1	· · · · · · · · · · · · · · · · · · ·	0									
1 Circum	stances surround	ling older animals										
2 Nursing 3 Nursing 4 Elderly	g care of elderly g care of elderly animals and der	animals and cardiov animals and respira tal diseases	vascular dis tory diseas	sease es								
5 Nursing	g care of elderly	animals and digesti	ve and end	ocrine	disord	ers						
6 Elderly	animals and mo	tor neurone disease	nursing	••••••		•••						
7 Elderly	animals and cog	nitive disorders nu	rsing									
8 Elderly	animals and tun	hor disease nursing	U									
9 Nursing	g care of elderly	animals and skin di	seases (gue	st Spe	aker)							
10 Nursing	g care of elderly	animals and ophtha	lmic diseas	es (gu	est Sp	eaker)						
11 Postope	erative managem	ent and rehabilitation	on in elderl	y anim	als							
12 Elderly	animals and infe	ectious disease cont	rol									
13 Nursing	g care of elderly	animals and urologi	ical disease	s								
14 Dietary	management an	d alternative medic	ine for elde	erly ani	mals							
15 Summa	ry (prevention) a	and final issue (grie	f care)									
Feedback of	n Assignments (e	exams, reports, etc.))									
The quiz wi	ill be collected a	nd the answers will	be explair	ned im	media	tely. Al	lterna	atively, reports will be returned				
with comme	ents.											
Course Not	es	1 , 1	1 1	1. 0	1.	• 1	• 1	· /1 / 1				
It is desirab	le that students	have completed and	1 earned cro	edits fo	or clin	ical an	imal	nursing (lectures and practical				
training in i	nternal medicine	and surgery) that th	for the rela		or the	past thi	ree ye	ears. As these courses are based				
also expected	e, students are e	Appected to prepare	on alderly	animal	s in n	owenor	atten	and the news, and pay attention				
to the social	environment an	d animal-human car		aiiiiiai	.5 111 110	zwspap		and the news, and pay attention				
Contents of	Prior and Post-	learning (nrenarati	on and revi	(w								
Prior learnin	g. Read the previ	ous lecture materials	and textbo	ok rela	ted to	each le	cture	content				
Post-lecture	review: Review t	he handouts and text	tbook to cor	nfirm y	our kn	owledg	ge.					
Evaluation	Method (includi	ng evaluation criter	ria)	J		C	, 					
The overall e	evaluation will be	based on class partic	cipation (inc	cluding	subm	ission o	of rep	orts) and quiz (40%), and regular				
exam (60%)	•											
Textbook	-			_								
Materials ap	propriate to the le	ecture content will be	e distributed	1.								
Reference B	Books, Teaching	Materials, etc.										
1) 犬と猫に	こおけるリハビ	リテーション、支持	寺療法およ	び緩和	療法	(監修	長	谷川篤彦、学窓社).				
2) 高齢動物	かの医学 (監訳	長谷川篤彦、イン	ターズー)	.3) 🕫	犬と猫	の老齢	命医学	🖄 (監訳 丸尾幸嗣、インター				
ズー).4)	疾患別 動物看詞	蒦学ハンドブック	(緑書房)	.5)対応	ご策が	わかる	ハイ	シニアケア、インターズー				

	Home Car	e and Home-V	ïsit Anir	ngl				TOMITA Sachiko					
Course		Nursing Care		1141				MITSUI Kana					
								TOMONO Haruka					
Course Period	4 th year 2 nd Semester	Electives 2 credits	Class format	Lect ure	Cou Class 0	Course lassificati on Subject]							
Objectives		······		•									
Recent deve	elopments in vet	erinary medicine ha	ive dramati	cally in	ncreas	ed the	lifes	pan of dogs and cats, thanks to					
the widespre	ead use of high	-quality diets, advar	nces in pre	ventiv	e med	icine,	and i	increased awareness of disease					
among pet	owners. As a re	ftor trootmont of the	als, especi	ally of Thorof	laer a	seasec	rot h	alf of the course students will					
understand t	he knowledge a	comulated through	home nurs	ing car	e for h	une n	$\mathbf{s} \mathbf{B} \mathbf{a}$	sed on the information obtained					
from human	home nursing c	care, students will b	e able to u	ndersta	and an	d list t	he pr	oblems that can be expected in					
home anima	l care from the 5	5th session and learn	n how to de	al with	them	. In the	e 13t	h to 15th sessions, students will					
be able to un	nderstand the ve	terinary medical inte	erview met	hod.									
Lecture Out	tline	-											
It is most de	sirable for anima	als to be kept in their	own home	s and n	ear the	eir owi	ners.	In this lecture, the methodology					
of home nur	sing (home visit	t, home nursing) that	it has been	cultiva	ited in	huma	ns wi	ill be discussed. Next, based on					
this, the role	of home nursing	g for animals and nu	irsing meth	ods at	home	will be		ured. In the 13th, 14th, and 15th					
lecture, the a	animal medical i	interview method w	ill be expla	ined ai	nd pra	ctice w	/111 D	e conducted.					
1 Home a	nd visiting nurs	inα in veterinary me	dicine (fro	m hum	an ho	ne nui	sing)					
2 Prepara	tions for home n	mg in vetermary me		III IIuII		inc nui	sing	,					
3 Prevent	ing problems in	home visit and in-h	ome nursin	g care	(grast	oing pr	oblei	ms from human cases)					
4 What is	home nursing in	n humans (guest spe	eaker)	0	0	<i>0</i> r							
5 Necessi	ty and issues of	home animal nursin	ıg										
6 Owner	support in home	animal nursing (sup	pport and c	oordin	ation a	t the t	ime (of hospital discharge)					
7 Owner	support in in-ho	me animal nursing (safety mea	sures a	and inf	ection	prev	ention)					
8 Emerge	ncy response, er	nvironmental impro-	vement and	l medio	cal equ	ipmen	it in l	nome veterinary care					
9 In-hom	e animal nursing	g and animal nursing	g technique	s (gues	st spea	ker)							
10 In-hom	e animal nursing	g and animal nursing	g technique	s (gues	st spea	ker)							
12 In home	ues to assist in r	nome animal care	naco (in ord	lor to n	rotoot	onimo	1 1 1 1 1	foro					
12 III-II0III 13 Home a	nimal nursing a	nd ethical issues and	lase (III OIC 1 veterinary	v medi	ral int	amma rview	i wei						
14 Veterina	arv medical inter	rview for home and	visiting an	imal n	ursing		5						
15 Veterina	ary medical inter	rview for home/visi	t nursing (p	oractice	e)								
Feedback or	n Assignments (e	exams, reports, etc.))										
Quizzes will	l be collected an	d answered immedi	ately afterv	vards.	Repor	s will	be re	eturned with comments.					
Course Note	es												
It is desirabl	e that students h	ave completed and	received cr	edit fo	r lectu	res and	l pra	ctical training in animal nursing					
(internal me	dıcıne, surgery,	and general). It is i	important t	o pay	attenti	on to	vario	us magazines, newspapers, TV					
and other m	on human and a	basis to develop al	n eye for ti	ninking	g abou	t the s	urro	unding social environment and					
Contents of	Prior and Post-	linnai nuising. learning (preparati	on and revi	ew)									
Prior learnin	g: After the lectu	re, there will be a wa	arning about	t the ne	ext lect	ure. so	each	student should prepare for it.					
Post-lecture	study: Students a	re expected to submi	it reports on	time.				propulo for the					
Evaluation	Method (includi	ng evaluation criter	ria)										
Overall eval	uation will be ba	ased on class particip	pation (incl	uding	reports), quiz	zes (40%), and the results of regular					
examination	s (60%).												
Textbook	· · · · · · · · · · · · · · · · · · ·	TT 1 4 '11 1 1'	· ·1 · 1	1									
I ne textbook	a is not specified.	. Handouts will be di	stributed ea	ch time	2.								
Kelefence B 1)家族看護	ある を 基盤 と して な	xraterials, etc. 车字看護論Ⅰ(第4	版 日太看	·謹協会	≥出版≤	全)	2) 右	「字看護 (改訂第2版) (学研)					
- 3) 大と猫に	おけスリハビ	リテーション 支持	「「「「「」」「「」」	び緩和	痞注	5) (学客)	-,□ 妹)∠	1) 臨床動物看護学1 動物医療					
コミューケ	ーション 認定重	ノノー イヨイ、又下 計物看蓮師教育コア	カリキュ	こ 小文 小山 ラ 人 の	10(1	い アルイ	エノニ - ズー	-) 5)1 年日に自に付ける社					
- 、ユーク 会人マナー	>コン, 認定男 & 法遇フセルロ	の17月11日1日11日11	ハッイユ		13(4		~-	/ リエヤロに対に刊りる仕					
五八、リー	い 按照ハイル 5	い (イングースー)											

Course	Comp	oanion Anii	nals-relat	ed Indu	ıstry			Yoshio Koshimura					
Course	4th year Spring	Department of Animal Health Technology	Department of Human Animal Relations	Class	lecture	Co Cla	ourse	Specialized Education					
Period	semester	Required subject 2 credits	Elective 2 credits	format		ation [Specialized Subjects]							
Objectives	1	1	I	1	I	1							
1. Profes	sional Eth	nics of Pet-rela	ted Industry	(incl. Be	havioral	l Eth	ics)						
1) Unc	lerstand r	esponsibilities	and social re	ole (Profe	essional	Ethic	cs)						
2) Und	lerstand o	verview of rela	ted regulation	ons in cor	nmercia	al trai	nsactio	on					
3) Und	lerstand p	rior explanatio	on meaning a	and neces	sity as v	vell a	s impl	ementation method					
base	ed on Anii	mal welfare an	d manageme	ent law									
2. Bree	2. Breeding and caring of pet and market size												
1) Understand current pet breeding and caring as well as overview of pet-related industry and market size													
3. Curre	3 Current status and issues of each pet-related industry												
1) Und	lerstand c	current status	and issues of	of various	fields.	such	as pe	et foods, pet products, pet-related					
serv	services (pet living body sales, grooming/healthcare fields, recreation, sightseeing, funeral & memorial.												
vete	veterinary medicine symbiosis housing/condominium with pet)												
4 Anim	al handlir	ng husiness	, one me donne,	condonn		, m p							
1) Und	lerstand o	verview of ani	mal handling	, husines	ssystem	1							
2) Unc	lerstand n		ical knowled	ae anim	l handli	ing n	aethod	and bygiene management					
2) One	andling n	apager		ge, amma	ai manun	ing n	ictiloc	and nygiene management					
(about 100 y	anunng n	lallagel											
(about 100)	words)												
Understa	and profe	ssional ethic	es and beha	vioral e	thics.	as w	ell as	s needs and functions, overview					
of varie	nus husin	Assas consis	ting of net	-related	indust	rv	and n	ractical knowledge and methods					
in animal	handling	business as	animal han	dling ma	nager	лу ,	ana p	idettedi knowiedge and methods					
in animar	11411411116	Subinoss as	diffind fidi	arring ma	114901								
.(about110	words)												
Lesson Plan	n sional eth	vice (incl. heh:	wioral ethic	s) in net	related	indi	ictry	I (Responsibility and social role					
1 1 101es	sional othi			s) ili pet	leiateu	mut	istiy	1 (Responsibility and social fole,					
Drofoo		ics)	ad in duct m	(inal hab	arrianal	othio	a) II	(Overview of related regulations in					
2 commo	ercial tran	saction)	ea maustry	(Incl. ben	avioral	etnic	S) 11	(Overview of related regulations in					
3 Profes necess	 Professional ethics (incl. behavioral ethics) in pet-related industry III (Prior explanation meaning and necessity as well as implementation method of Animal welfare and management law) 												
Breedi 4 of mar	ng and ca	ring of pet and	l market size	e (Curren	nt status	s of a	nimal	breeding and caring, and overview					
5 Currer	nt status a	nd issues of ea	ch net-relate	ed indust	rv (net f	onde	net n	products)					
Curror	nt status a	nd issues of on	ch net-relati	ad indust	ry (pet 1	rola+	, per p	vices (net living hady cales					
6 Groom	ning/healt	hcare fields, re	ecreation, sig	shtseeing	, funeral	l & m	iemori	ial)					
7 Curren housin	Current status and issues of each pet-related industry (veterinary medicine, symbiosis housing/condominium with pet)												

8 Animal handling business I (Overview of animal handling business system)

0	Animal handling business	Π	(Necessary	practical	knowledge,	animal	handling	method	and	hyginene
9	management as animal hand	dlin	g manager)							

- 10 Macro information to be considered for working in pet-related industry
- 11 Method of studying problems and opportunities of pet-related industry
- 12 Method of business planning, strategies, tactics, programs on pet-related industry
- Future prospects of pet-related industry (population decline, decrease of children, increase of aged population, decline of pets and pet owring rates)
- 14 Opportunities of pet-related industry (collaboration with other industries, development of new products and services, etc.)

15 Summary (Review of all lectures and understanding level of pet-related industry)

Feedback on Assignments (exams, reports, etc.)

Explanation of correct answers of mid-term exam and final exam

Course Notes

Distribute and explain materials for lectures. Required to bring materials delivered at the next lecture, as the

lecture and explanation may continue. Necessary to take notes. Take advantage of learnings at Q&A sessions.

Contents of Prior and Post-learning (preparation and review)

Gather questions in advance and make reviews after each lecture.

Evaluation Method (including evaluation criteria)

Overall evaluation based on: Q&A at lectures 10%, Mid-term exam results 40%, Final exam results 50% **Textbook**

Not specified.

Reference Books, Teaching Materials, etc.

Not specified. Reference Book: Yoshio Koshimura's Book titled "Red Thread of Human Beings and Pets" issued by Gakken Publishing

Course	;	Scientific Engl	ish				OGURO Mieko				
Course Period	3 rd year, 1 st semester	Electives/2 credits	Class format	lecture	Course Classific		Specialized Education				
Objectives											
The science of the sc	The science required by the Animal Nursing and Animal-Human Relations majors is international, and academic progress is rapid. Students need to read English reference books, documents, and articles in scientific English from a global perspective. This course aims to provide students with the skills to read and understand basic scientific English and articles in graduation research. In addition, as we become more familiar with the international community, listening to English has become necessary in fields related to animals, animal-human relations, and related scientific fields. Lecture Outline The course will begin with understanding the structure of English sentences unique to Science English and a mastery of technical terms, related vocabulary, and terminology. In addition, students will read specialized English textbooks to be able to use their reading skills practically. In addition, students will learn to use their ears and mouths to learn English by listening to CDs reading aloud repeatedly and explaining scientific English in										
specialized	tields.										
 Introdu Animal Animal Animal Animal Animal Animal Animal Animal Related Rela	ction to Science Nursing related Nursing related Nursing related Nursing related Nursing related Nursing related to Animal Hum to Animal Hum to Animal Hum to Animal Hum to Animal Hum to Animal Hum Human Relation provided and pre- and final exam Assignments (e quizzes will be e	English courses. Animal Biology, C Blood Bone Movement of Mat Basic Nutrition (1 Basic Nutrition (2 an Relations: How ane Studies: Amazi an Relations: The C ane Society: The O hs: A Dog's Five Se esented by students esented by students esented by students	How to lear Cells & Bas erials withi)) Dogs Thinl ng Tales of Golden Retr ne-Eyed Re nses: They (1) (2)) ued as nece ass reference	rn Scienc ic Tissue n the Boo c inside the Amazing iever Wh escue Wh are just I ssary.	e En s dy he C g Do to Sa to Sh .ike	anine gs Do wed a hifferd Ours-J	Mind ing Utterly Amazing Things Baby Deer out Skin Cancer But not p an eye out for them.				
Contents of Prior and Post-learning (preparation and review) Prior-learning: Students are expected to look up the vocabulary in the handouts distributed in class. Post-learning: Take notes on important vocabulary and expressions. Evaluation Method (including evaluation criteria) The overall evaluation will be made on the basis of 40 % normal points (including quizzes) and 60 % final exam. Textbook handout											
Reference B Animal Bio Time Specia	books, Teaching logy and Care, S al Edition How I	Materials, etc. ue Dallas, Blackwe Oogs Think 2018 Ti	ll Science me Inc. Bo	oks							

Course		Statistics						ISHIKAWA Makiko					
Course Period	2nd year, 1st semesterElectives 2 creditsClass formatLect 												
Objectives													
The purpose of this lecture is to learn the standard statistical methods to understand the overall trend of													
experimental results when using animals, to deal with experimental errors caused by various external and internal													
factors, and	ctors, and to draw the correct inferences.												
Lecture Out	Lecture Outline												
In this cour	se, students wil	1 learn and approp	oriately use	e statis	tical 1	nethod	ls to	quantitatively and objectively					
understand t	he trends and ch	aracteristics of spec	ific animal	groups	s as arg	gumen	ts for	academic papers. Students will					
also learn te	chniques for org	anizing, analyzing,	and chartin	ng vari	ous ty	pes of	info	mation and data obtained from					
surveys and	experiments rel	ated to the research	h subject o	n a co	mpute	r. Basi	ic sta	tistics such as mean, variance,					
standard de	viation, and cor	relation coefficient	, as well a	as som	e sim	ple an	d ve	rsatile statistical tests, will be					
explained.													
Lesson Plan	[
1 Introdu	ction												
2 Populat	pulation and Samples												
3 Distribu	3 Distributions												
4 Varianc	e, Standard Devi	ation, Standard Err	or										
5 Summa	ry on Descriptiv	e Statistics; Exercis	ses and Qui	zzes.									
6 Estimat	ion and Testing												
7 Hypothe	esis Testing (1) : 7	Two Independent Sar	mples with	Equal S	Sample	e Sizes							
8 Hypothe	esis Testing (2) : 7	Two Independent Sar	mples with	Differe	nt San	nple Si	zes.						
9 Hypothe	esis Testing (3) : l	Dependent samples											
10 Summa	ry on the Estima	tion and Testing; Ez	xercises an	d Quiz	zes.								
11 Analysi	s of Variance												
12 Chi-squ	ared Tests												
13 Correla	tion												
14 Regress	sion												
15 Review	; Examination												
Feedback of	n Assignments (e	exams, reports, etc.))										
Feedback of	n exercises and q	uizzes will be given	n in the lect	ture.									
Course Note	es	1 1 / 1	1 C 1 1	·			1						
Students are	required to bring	g a calculator capab	ole of calcul	lating s	quare	roots a	and a	ble to display 10 or more digits.					
Contents of	Prior and Post-I	earning (preparation	on and rev	lew)	C 11								
Prior learnin	ig: Read the han	douts related to the	class conte	ent care	efully.								
Post learnin	g: Review the cla	ass contents and do	the exercis	ses.									
Evaluation	vietnoa (includii	ing evaluation criter	(1a)	used f	04 0110	luotica							
Examination	is (30%); exercis	ses and quizzes (50)	%), will be	used I	oreva	Iuatioi	1.						
Handoute W	IextDook Handouta will be distributed as necessary												
Poforence P	Handouls will be distributed as necessary.												
入日日日日日 計 昌 止 勝 一	小hhystating」	林し注羽 田市	光 (陸板)	土玉	占	田式十十一	- >	楼家送出纪室 二十山阳					
訂重生物子	王初杭計の基	「碇と便畜」田甲一	木(監修)	 	早、	町竹く	- フ、	怏偵坦风補者 二共出版					
Other refere	Other reference books will be introduced in the lecture.												

Course	Practice in Animal Health Technology							Shinichiro Imamura			
Course period	4th year, Autumn semester	Elective 1 credit	Class format	exercises	Co clas i	ourse sificat ion	Specialized Education [General Subject]				
Objectives											
This cours	se is designed to	o provide a compreh	ensive over	view of a	nima	l nursin	ig stu	idied for four years and establish			
specialized k	specialized knowledge. The goal is for students to be able to integrate the knowledge of the specialized basic subjects										
with the knowledge of the specialized clinical subjects, and to be able to use this knowledge in a variety of hypothetical											
situations.											
Lecture out	line										
The basic	knowledge of	anatomy, physiology	, pathology	, and pha	rmac	ology, v	whicl	h are the primary subjects of the			
specialty, wi	ll be reconfirm	ed. Then, repeated e	exercises wi	ill be cond	lucte	d to ap	ply a	and utilize this knowledge in the			
clinical subje	ects.										
Lesson plan											
1 Organiz	ing Anatomy										
2 Organiz	ing Physiology	1									
3 Organiz	ing Physiology	2									
4 Organiz	ing Pathology 1										
5 Organiz	ing Pathology 2	2									
6 Organiz	ing Pharmacolo	ogy Normalina (Daria) 1								
/ Organiz	ing Animal Cli	nical Nursing (Basic)]								
8 Organiz	ing Animal Cli	nical Nursing (Basic) Z al Madiain	a) 1							
9 Organiz	ing Animal Cli	nical Nursing (Intern	al Medicine	(2)							
10 Organiz	ing Animal Cli	nical Nursing (Intern	ination) 1	.) 2							
11 Organiz	ing Animal Cli	nical Nursing (Exam	ination) ?								
12 Organiz	ing Animal Cli	nical Nursing (Exam	rv) 1								
14 Organiz	ing Animal Cli	nical Nursing (Surge	rv) 2								
15 Animal	Nursing Review	W									
Feedback of	n assignments	(exams, reports, etc	2.)								
Students will	l work on the ex	xercises each time ar	nd provide e	xplanatio	ns.						
			I I I I I I I I I I I I I I I I I I I	1							
Course Note	es										
In prepara	tion for the nat	tional examination, o	each studen	t is expec	ted to	o first r	eviev	w the unit on his/her own before			
participating	in the exercises	s.		-							
Contents of	prior and post	learning (prepara	tion and re	view)							
Be sure to u	nderstand the c	ontents of each exer	cise and pro	epare for i	it (re	view th	e coi	ntents from the first year) before			
attending the	e exercise. Make	e it a habit to self-or	ganize the c	ontents of	the e	exercise	es.				
Evaluation method (including evaluation criteria)											
The overall	judgment will b	be based on 60% on	regular exa	amination	s and	l 40% d	on the	e degree of participation in each			
exercise (test	t scores and red	o reports in the exer	cises).								
Textbook											
Although no	t specified, the	content of the exercis	ses will be b	ouilt aroun	d the	textboo	oks tl	hat have been used in each course			
for four year	s.										
Reference books, teaching materials, etc.											
Present as ne	eded.										

Course	Graduation Thesis											
Teachers in charge	Akihiko Uchida, Mieko Oguro, Takashi Umemura, Shinichiro Imamura, Toshio Okazaki Fukiko Ueda, Sachiko Tomita, Akiko Taniguchi, Hisako Shimamori, Katsuki Takahashi Makiko Ishikawa, Noriko Niijima, Yoshihiro Wakabayashi, Takuji Okuno, Rie Kato, Yukiko Ohashi Chie Mogi, Tomoko Suzuki, Junko Akiyama, Takayuki Horii, Takaaki Fukuyama, Sayaka Miyai Kana Mitsui											
Course period	4th yearDepartment of Animal NursingDepartment of Animal and Human RelationsDepartment of Animal and Human RelationsClass formatCourse classificat ionSpecialized Education [Gen Subject]All yearRequired courses: 4 credits4 credits of elective coursesClass formatexerci sesSpecialized Education [Gen Subject]											
Objectives												
Under the	guidanc	ce of the super	rvising professo	or, students	are exp	ected to write	te a thesis or a graduation thesis on a					
topic of parti	cular int	terest in the fie	eld of "Veterina	ry Nursing	or "An	imal-Human	Relations."					
The purpose of this course is to have students submit a paper as an outcome of their animal care education, summarizing matters of particular interest to them under the guidance of their supervisor. Specifically, to improve students' abilities and develop human resources who can contribute to society, under the supervision of a thesis advisor chosen by the students themselves, the program provides consistent guidance starting with literature research on animal nursing, setting a research theme, developing an action plan, taking the initiative to work on the task continuously, and summarizing and presenting the obtained data. In addition to the above, students will be taught to												
Lesson plan Based on the content acquired in the third-year compulsory course "Research Methods," students will set a research theme, formulate an action plan, conduct research, and summarize the obtained data in a paper or work. The deadline for submission of the thesis or work will be announced on a separate bulletin board. Interim reports and graduation thesis presentations will be held.												
Feedback or	n assign	ments (exams	s, reports, etc.)									
Discussions	with the	supervisor wi	ll be held as ne	cessary, and	the res	earch conten	it will be discussed.					
Course Note	26											
Students will	l be instr	ructed individu	ally in their lat	poratories, s	so be car	reful to keep	in touch with them.					
Contents of prior and post-learning (preparation and review)												
Evaluation method (including evaluation criteria) The overall judgment will be based on the research attitude (30%) and the submitted paper or work (70%).												
Textbook												
None												
Reference books, teaching materials, etc. None												

Course		Internship						HORII Takayuki, AKIYAMA Ran, MITSUI Kana				
Course Period	3rd and 4th year All year	Elective 2 credits	Class format	traini ng	Con Class 0	urse ificati n	S	Specialized Education [General Subject]				
Objectives												
This program aims to foster the ability to make independent career choices, develop job awareness, and acquire												
practical knowledge by providing students with work experience related to their future careers at companies and												
organizations (including veterinary hospitals) that develop animal-related businesses.												
Lecture Outline												
In this cou	rse, students will	l acquire basic skill	s for worki	ing adu	lts thr	ough p	ore-ir	ternship classes, cultivate their				
vocational a	wareness throug	h internship practic	ce, think ab	out the	eir voc	ational	l apti	itude, and acquire the ability to				
adapt to the	real world. In ad	dition, through pos	t-internship	o classe	es, stuc	lents w	vill ha	ave the opportunity to reflect on				
their own ex	periences, share	their work experies	nces with o	others in	n vario	ous job	field	ls, and consider their issues and				
career choic	es for future care	eer development.										
Lesson Plan												
1. Pre-c	lasses for interns	ship (April to July)										
Pre-c	lass 1 Orientatio	n										
	What is in	ternship, get to kno	w a compa	ny, lea	rn abo	ut you	rself					
Pre-C	Class 2: Business	Etiquette (1) Perso	onal appear	ance ar	nd beh	avior						
Pre-C	Class 3: Business	Etiquette (2) Lang	uage and T	elepho	ne Co	mmuni	catio	on				
Pre-C	Class 4: Business	Etiquette (3) repor	ting, comn	nunicat	ion, co	onsulta	tion,	record keeping and				
		confi	dentiality, e	etiquett	e for s	eating,	, excl	hange of business card,				
		thank	you letters									
Pre-C	Class 5: How to v	write an entry sheet	, resume ar	nd emai	il							
Pre-C	Class 6: Interviev	v simulation										
Pre-C	Class 7: How to c	communicate with y	your interns	ship pa	rtner							
Pre-C	Class 8: Orientati	on just before inter	nship (1)									
Pre-C	Class 9: Orientati	on just before inter	nship (2)									
2. Intern	nship (August to	September)										
Off-c	ampus internshi	p as a course of 16	hours or m	ore								
To be	e conducted at th	e host companies (i	including v	eterina	ry hos	pitals)						
3 Post-	classes for interr	ushin (October)										
Post-	Class 1. Sharing	work experience										
Post-	Class 2: Summa	ry for future career	developme	nt								
Feedback or	1 Assignments (e	vams, reports, etc.)									
In-class ret	orts will be sur	marized and comm	, nents will h	e retur	ned R	equest	s and	d questions will be responded to				
orally or em	ail			e returi	100.10	equest	5 une	questions will be responded to				
Course Note	26											
Although th	is is a vear-round	d course the implet	mentation s	chedul	e is or	utlined	ahos	7 e				
The detailed	schedule will be	e presented in the fi	irst class	eneuui	0 15 00	unnea	u001					
Check your	Moodle and ema	ail for class announ	cements an	d mate	rials d	istribu	ted v	via Moodle				
Since this is	an external cour	se of study be sure	to act resp	onsibly	v and i	n good	l fait	h				
I ate arrivale, absences, and late submission of assignments are strictly prohibited												
Contents of	Prior and Post-I	earning (nrenarati	on and rev	iew)	neuy	promo	iteu.					
Please do s	ome preliminary	research on the co	ntents relat	ted to e	each cl	955 565	sion	After the class summarize the				
contents has	ed on the handou	its In addition each	n student io	exnect	ed to r	uss sus Acastal	h the	industry and company in which				
they will int	ern		1 student 1s	слресс		cscarei	ii the	industry and company in which				
Evoluation	United (includie	na avaluation arita	ria)									
Overall eval	uation based on	class participation	(30%) into	rnchin	evalu	ation (?	30%	and assignment report (10%)				
Textbook	uation based on	ciass participation	(3070), inte	manp	C value		50/0)	, and assignment report (40%).				
None in nor	ticular Handoute	will be distributed	ac noodad									
Deference P	looka Taahuuuts	Motoriola ata		,								
Information	outes, reaching I	viaterials, etc.										
Information will be introduced as needed.												

Course	Volun	teer Study & A	Activity					WAKABAYASHI Yoshihiro, MIYAI Sayaka						
Course Period	1st - 4th year All year	Electives 1 credit	Class format	traini ng	Cou Class	ırse ificati n	Specialized Education [General Subject]							
Objectives	Objectives													
As a veterinary nursing and animal human relations student, you should have the knowledge and ability to provide a safe environment for pet owners to live with their pets. This occurs not only in veterinary clinics, but in a variety of situations and environments. They are expected to play a role as professionals involved with animals in various situations, such as community support, support for the elderly, support for child-rearing, support for the disabled, support for agriculture, and support during earthquakes. This class aims to acquire the knowledge and ability to intervene as a professional in the environment surrounding "owners and animals" through actual participation in training and volunteer activities. Lecture Outline In this class, students will be required to participate in training and volunteer activities designated by the university. Lectures (pre-lessons) will be given in the first semester to understand the significance and principles of these														
activities.	Then, they will p	ractice the training	and volun	teer ac	tivitie	s durir	ng the	e summer vacation, and in the						
second sen	nester, they will	have a post-lecture	class, who	ere the	y will	make	a pr	resentation on the training and						
volunteer a	ctivities and subr	nit a report for cred	1t.											
Lesson Pla advance lesson 1st.	Plan e Orientation, introduction to "overseas training" and "domestic training," and the significance of the training													
Second time. Three	¹ Significance of volunteerism: Introduction to volunteerism, community building, and activities (1)													
times. Four	Significance of v	olunteerism: Volun	teering cor	nmunit	ty buil	ding a	unity	ctivities (3)						
times.	Significance of v	orunteensin. vorun	icering, cor	IIIIuIII	ly Dull	unig, c	inu av							
(1)	To be implement Overseas training (actual expenses)	ed at one of the foll g: Social status and	owing plan current situ	ation o	cations of comp	s (mult panion	anin	selections possible) nals and other animals overseas						
(2)	Domestic training in industrial anim	g: Kitasato Univers nals (actual expense	ity Yakumo es)	o Farm	Practi	ical tra	ining	g on breeding and management						
(3) (4) follow-up	Training or volur	iteer work approved	d by the cou	urse din	ector	ampus	even	its and training						
classes 1st.	Reflection, prese	ntation, and debrief	ing of wha	t was le	earned	in the	train	ing and volunteer activities						
Feedback of	on Assignments (e	exams, reports, etc.)											
Reports and	d other materials	will be returned as	necessary.											
Course Notes Maintain thorough communication with the training site to ensure that no accidents occur. "Overseas training and domestic training will be charged at actual cost. Detailed information will be given in the first class. ("Overseas Training" and "Domestic Training" are training programs available regardless of registration.)														
Contents of The syllabi	Contents of Prior and Post-learning (preparation and review) The syllabus shows the contents of the lecture for the day, so places property for it													
			• • • •	50 1100	se pre	rui o I	,ı it.							
Evaluation Method (including evaluation criteria) Attendance (25%), participation in training/volunteer activities (25%), reports (25%), and presentations (25%) will be comprehensively taken into consideration in making decisions.														
Handouts v	vill be distributed	as needed.												
Reference None	Books, Teaching	Materials, etc.												
Course	Short-term	Animal Prac Abroad	tical Tr	aining		_		Shimamori Hisako Kato Go						
--	--	---	---	--	---	--	---	--	--	--	--			
Course Period	1st∼4 th year All Year	Electives 4 credits	Class format	Training	Con Class	urse sificati on		Specialized Education [General Subject]						
Objectives		<u> </u>												
Through learn about	n practical trainir a wide range of a	ng in English and animal-related dis	animal hu ciplines ii	sbandry a n a multic	t over ultural	rseas ar l societ	nimal y and	-related facilities, students will d acquire a global perspective.						
Lecture Ou	tline													
This course is an overseas practical course offered in partnership with the Australia Zoo in Australia. In this this course, students will learn about a wide range of animal-related disciplines through the practice in Australia Zoo under the guidance of local educators and zookeepers. Prior to the trip and during the practical training, both Japanese English teachers and native English-speaking teachers will help the students to learn the necessary vocabulary to communicate with the local staff. After returning to Japan, the students will give a presentation and reflect on what they have learnt during the training.														
Lesson Plar														
1 Orienta 2 Prior st 3 Prior st 4 Prior st 5 Prior st 6 Practica 7 Practica 8 Practica 9 Practica 10 Practica 11 Practica 12 Practica 13 Practica 14 Post-lea 15 Post-lea Feedback on Critique wil	tion (understand udy 2: Regional udy 3: Travel En udy 3: Travel En udy 4: Profession ad training 1: Pra al training 2: Pra al training 3: Pra al training 4: Pra al training 5: Pra al training 5: Pra al training 7: Pra al training 8: Pra at raining 1: Present arning 1: Present arning 2: Present n Assignments (e 1 be given after t	ing the purpose ar study (English stu- iglish (vocabulary nal English (zoo r cal English (zoo r ctical training at A ctical training at	nd content ady of the elated voo elated voo Australia 2 Australia 3 Australia	t of the lec region wl essions fo cabulary a cabulary a Zoo Zoo Zoo Zoo Zoo Zoo Zoo Zoo Zoo Zo	etures here the r trave nd exp nd exp nd exp hers	and the he practed and a pressio pressio	e cou tical i accon ns fo ns fo	rse method) training will take place) nmodation) r practice) r the practice)						
Students schedule an or if the min board) is no The cou	Course Notes Students must be in good health to travel and attend the practical training at the zoo, and must abide by the schedule and disciplinary requirements of the training site. The course might be cancelled due to social conditions or if the minimum number of participants (16 in the previous year; any changes will be announced on the notice board) is not met. As this course is held abroad, additional costs including travel expenses will be required.													
Contents of	Prior and Post-	learning (prepara	tion and 1	review)										
Students Students are training and	are expected to r expected to take to ask any question	review what they here notes (and picture ons at the next sess	nave learno es when p sion.	ed in their ossible) or	prior 1 what	study b they h	efore ave 1	e attending the practical training. earnt on the day of the practical						
Evaluation	Method (includi	ng evaluation crit	eria)											
The over	all evaluation wi	ll be 70% for class	participat	ion and 30	% for	present	tatior	as and reports.						
Textbook														
Original	textbook will be	distributed at the A	Australia Z	00.										
Reference E	Books, Teaching	Materials, etc.												
Material	s will be distribut	ed in the classroon	n and on N	Aoodle.										

Course		Special Semina			©MITSUI Kana, MIYAI Sayaka							
Course Period	1st year Full year	Required subject 0.5 credit	Class format	Lecture	Course Classif cation	i	Specialized Education [General Subject].					
Objectives			I	1		1						
Through t	Through the founding spirit of the school and the educational philosophy of the university, students aim to											
understand the history of animal nursing and animal-human relations in Japan and the current situation in Japan												
from multiple perspectives. In addition, through various lectures, students will acquire the basic skills of a												
university s	tudents, such as	the ability to expre	ess themse	elves in wr	iting, ar	attitu	ide to learning, communication					
skills, and c	ivility.											
Lecture Ou	tline											
As a studer	nt of this univers	ity, you will learn al	out a wid	e range of h	numan-a	nimal	relationships based on the spirit					
of animal w	elfare, including	the founding spirit	of the sch	ool and the	education	onal pł	nilosophy of the university. This					
will help stu	idents recognize	the educational ob	jectives of	t the Depart	tment of	Anim	al Nursing and the Department					
of Animal	Human Relatio	ns. This course c	onsists of	t three pill	ars: Se	lf-edu	cation Hour, Topic Hour and					
Communica	tion Hour, and a	ims to lay the found	dation for	the next to	ur years	IOT III	rst-year students.					
Lesson Plan	l tion Student I if	Cond Applemin Ad	faina Caria	lanaa Tihu	····· C····							
2 Educat	tion Hour 11 The	history of the scho	ol and vot	ance, Libra	ary Guit	lance						
2 [Educat	tion Hour 21 Th	a Spirit of Anim	DI allu vel	ion and the	sing 2 Educe	tional	Philosophy of the University					
3 (Found	er's Memorial Se	rvice)				uonai	i mosophy of the Oniversity					
4 [Educat	tion Hour 31 Ani	mal Nursing Forum	n									
5 [Educat	tion Hour 4] Yan	nazaki Animal Prot	ection Sv	mposium (I	Kizuna I	Festiva	1)					
6 [Topic]	Hour 11 The Dar	gers of alcohol driv	iking and	smoking	<u>Lizunu</u> i	Courve						
7 [Topic]	Hour 2] How to	cope with stress		5111011118								
8 [Comm	unication Hour]	Summary (Review	of the first	st year)								
Feedback of	n Assignments (e	exams, reports, etc.)	,								
Feedback of	n the questions in	n the report will be	given in tl	he final sun	ımary.							
Course Note	es	-										
This is a yea	ar-round class, an	nd the class schedul	e is subjec	ct to change	e due to	adjusti	ments in the speaker's schedule,					
etc.												
Contents of	Prior and Post-	learning (preparati	on and re	view)								
Prior to class	s: Read the relat	ted books and mate	rials acco	rding to the	e class p	lan. A	fter class: Review the materials					
distributed i	in class and related	ted books, and sub-	mit a repo	ort within th	ne deadl	ine. T	he content of the report will be					
reviewed in	the summary se	ssion.										
Evaluation	Method (includi	ng evaluation crite	ria)									
The overall	evaluation will	be based on 50% of	of the repo	ort and 50%	of the	partic	ipation in the class. Evaluation					
criteria for the report. Students will be evaluated on whether or not they have deeply considered the assigned topic												
In relation to the lecture content.												
lextbook	ICALUOUN Not specified. Materials will be distributed as personant.											
Deference P	ooka Taashiya 1	Notoriola ata	ecessary.									
Notification	outes, reaching	viateriais, etc.	ullatin ha	and as mass								
inounication	is will be made in	in class and on the b	uneun do	aru as neces	ssary.							

Course		Special Seminar	r II			OHASHI Yukiko
Course		Special Schinia	1 11			TSUCHIYA Emi
Course period	2 nd year, Ful year	Required subject 0.5 credit	Class format	lecture	Course classificat ion	Specialized Education [General Subject]
Objectives		I	I	1	1011	
The aim	of this seminar	is to expand knowle	edge of the	environm	ent surroundin	g animals and people involved with
animals from	n various pers	pectives, students w	ill gain an	understar	iding of the d	lomestic and international situation
regarding cli	mate change, cl	hanges in animal eco	systems due	e to global	ization, and the	eir serious effects on animals, animal
protection ne	ecessary in time	es of disaster, and the	e environme	ent surrou	nding animal c	care.
Lecture out	line			x		
This cours	se is composed	l of four parts: the "I	Education H	lour," the	"Career Educa	ation Hour," the "Topics Hour," and
the "Commu	inication Hour.	Students will acqui	re and expand	and their	knowledge of	various aspects of animals and the
environment	. For example,	students will learn a	bout the co	mplex iss	les that arise i	in the work environment and natural
	ctive in societ	ans and animals, as y	ch on the	theme of	s tolerance as	d the Environment As part of the
Communicat	tion Hour stud	lents will participate	in a day t	rin to an	aquarium as y	well as hands on animal husbandry
practice The	order of class	plans is subject to ch	nange due te	the sche	dule of speake	rs etc
Lesson plan		pluits is subject to er	lunge due to	s the sene	dule of speake	15, 010.
1 Orientat	ion (Environm	ent and Goals for Se	cond-Year V	Veterinary	Nursing Stud	ents) [Communication Hour 1].
2 Environ	ment for Veteri	inary Nurses (Oualifi	cations and	Accredita	ation of Certifi	ied Veterinary Nurses, etc.) [Career
Educati	on Hour 1].					
3 Stressfu	l environments	for veterinary nurse	s (1) [Caree	er Educatio	on Hour 1].	
4 Service	Animals and th	e Environment [Top	ic Hour 1].			
5 Education	on for life [owr	n educational hour 2]				
6 Aiming	to improve the	environment for hur	nans and an	nimals (Ki	zuna Festival	Symposium) [Topic Hour 2].
7 Symbio	sis between Hu	mans and Animals [Fopic Hour	3] (in Jap	anese)	
8 Summai	ry: Considering	g the Social Environn	nent for Hu	mans and	Animals	
Feedback	n assignments	(avame ranorte ate	•)			
Provide expl	anations and fe	edback on assigned	reports in c	lass		
Course Note		edbuck on ussigned		iuss.		
The order	and date of cla	ass plans may be sub	viect to char	ige depen	ding on the re	sults of adjustments to the speaker's
schedule. Ple	ease check the	class plan distributed	l at the first	class. Als	o, please be s	ure to check the notice board for the
distribution of	of reference ma	aterials, submission o	of assignme	nts, and cl	ass announcer	nents using Moodle.
Contents of	prior and pos	t-learning (prepara	tion and re	eview)		ž
Pre-class stu	dy: Review the	e content of each clas	s session.			
Post-lesson s	study: Deepen a	and consolidate the to	opics cover	ed in class	through readi	ing and web searches.
Evaluation	method (inclue	ding evaluation crit	eria)			
The class w	ill be judged c	omprehensively base	ed on 50%	participat	ion and 50%	assignment report (in the form of a
notebook).						
1extD00K						
INONE						
keierence b	ooks, teaching	g materiais, etc.				

None

Course	S	pecial Seminar	III				AKIYAMA Ran, TOMONO Haruka				
Course Period	3rd year Full year	Required subject 0.5 credit	Class format	Lect ure	Cou Class 0	ırse ificati n		Specialized Education [General Subject]			
Objectives By understanding the diverse relationships between animals and humans in society from different perspectives, students will gain an understanding of occupations that involve animals. The goal of this course is to develop an image of the future person as a veterinary nursing or other animal-related specialist, and to become a person who can give back to society. Lecture Outline This course consists of four areas: self-education, career education, topics, and communication. Under the theme of "Animals and Occupation," this course focuses on the relationship between companion animals and humans in											
Japanese so Specialists i	ciety and deepen n a variety of fie	s the knowledge of velds related to animatic	veterinary n als and soci	ursing ety are	and	nimal-l ed to te	huma ach.	an relations required in the field.			
 [Comm [Educat [Topic] [Topic] [Career [Career [Career [Educat 8 Summa 	 I [Communication Hour] Orientation [Education Hour] Qualifications and Status of Veterinary Nursing [Topic Hour] Stress Management in Working Adults [Topic Hour] Occupations in animal-related companies and animal hospitals [Career Education Hour] The Role of Veterinary Nursing in Society1 [Career Education Hour] The Role of Veterinary Nursing in Society2 [Education Hour] Founder's Memorial Service 										
Feedback on Check your	n Assignments (e	exams, reports, etc.)) them feedb	back by	refurr	ing the	em				
Course Note The class pl	es an may be change	red to adjust the spe	aker's sche	dule.	Teturi	ing un					
Check the c	lass plans, notice	es, and announceme	nts distribu	ited in	the fir	st class	s.				
Contents of Prior learnin Post-lesson s	Prior and Post- g: Read the pages study: Review the	earning (preparations) s of the textbook related contents of the train	on and revi ited to the c ning materia	iew) ontents als and	of eac	ch class al skil	s sess ls aft	ion. er each class.			
Evaluation Students wi as assignme	Method (includi Il be evaluated c nt reports (40%)	ng evaluation criter omprehensively bas	ria) sed on their	r partic	ipatio	n in th	e cla	ss (60%) and submissions such			
Textbook None. Notif	ication will be m	nade on the bulletin	board or in	class a	as nec	essary.					
Reference B None.	ooks, Teaching I	Materials, etc.									

Course Special Seminar IV KATO, Rie AKIYAM, Junko										
Course Period4th year Full yearRequired subject 0.5 creditClass 										
Objectives										
This course aims to master the diverse relationships between animals and humans in society to build a peaceful										
society where humans and animals coexist in harmony. The goal of this course is to acquire basic skills as a member										
of society before leaving for graduation.										
Lecture Outline										
Students will learn about the environment, professions, and society from the perspective of their relationship with										
animals, building on the broad basic knowledge they learned in Assembly Hour I. They will acquire in-depth										
knowledge appropriate for students in the Department of Animal Nursing and the Department of Animal and										
Human Relations. Students will learn how animals have been involved in the changes and development of Japan,										
the historical value of animals in building tradition and change, and cultivate rich humanity.										
Lesson Plan										
1 A detailed lesson plan will be presented at the orientation and at the beginning of the class.										
2 History of the School and Animal Nursing (President's Lecture)										
3 Education Hour 2 Coexistence of Humans and Animals (Kizuna Festival Open Lecture)										
4 Home-schooling Hour 3 Animal Haiku										
5 Graduation Thesis Presentation										
6 Career Education Hour 1 Animal-Related Occupations in Society										
7 Career Education Hour 2 Social Manners e-Learning										
8 Career Education Hour 3 Communication for Working People										
9 Topic Hour 1 Stress Management for Working People										
10 Topic Hour 2 History of the Museum										
11 Topic Hour 3 Issues and research on human-animal relationships										
12 Communication Hour 1 Tour of the National Museum of Nature and Science										
13 Communication Hour 2 First Aid Training I										
14 Communication Hour 3 First Aid Training II										
15 Summary, review of the fourth year										
Feedback on Assignments (exams, reports, etc.)										
In class, I will explain the assignment report and give feedback.										
Course Notes										
This is a bi-weekly, year-round class, and the order and date of the class schedule may change depending on the										
results of adjustments to the speaker's schedule. Please check the class schedule distributed in the first class. This										
is a bi-weekly, year-round class, and the class schedule may change depending on adjustments to the speaker's										
schedule.										
Contents of Prior and Post-learning (preparation and review)										
Prior to learning, Check the "Class Plan" posted on the bulletin board.										
Post-lesson study Students are expected to summarize the contents of the class as an assignment report, using the										
regimen and the board.										
Evaluation Method (including evaluation criteria)										
Students will be evaluated comprehensively based on their participation in the class (50%) and submissions such										
as assignment reports (50%).										
PDF data will be provided. You can download and print out the materials as needed.										

Reference Books, Teaching Materials, etc. Reference books will be introduced during the lecture.

Course	Introduction to Life Science					OGURO Mieko ISHIKAWA Makiko MOGI Chie				
Course Period	2 nd year, 1 st semester	Required subject/2 credits	Class format	lecture	Course Classifi cation	Specialized Education [Basic Specialized Education				
Objectives		L								
Since we	live in an age w	here knowledge an	d informat	ion about	life science	ces affect many aspects of our daily				
lives, this co	ourse aims to pro	ovide students with	the basic k	cnowledge	e and scier	ntific thinking needed to understand				
the current s	state of life scien	ces and the various	issues rela	ited to the	m.	-				
Lecture Ou	ıtline									
In this co	urse, students w	ill learn about the m	nystery and	l dignity c	of life by u	nderstanding the mechanism of life.				
In addition,	In addition, the development of life science and bioethics will be explained. (Omnibus system / 15 sessions)									
How are	life sciences re	elated to modern s	ociety, ho	w is life	designed.	and how is genomic information				
expressed?	How is life desig	med, and how is ge	nomic info	rmation e	xpressed?	How are complex bodies created?				
(Mieko C)guro / 5 times)	,			-r	r				
It explain	s how much we	know about the brai	n what car	nceris the	- relations	hip between our food and our health				
and how we	a can protect our	selves from pathoge	ns (Chie M	Mogi /5 ti	mes)	inp between our root and our nearth,				
How the	anvironment rel	latas to living thing	no how for	r lifa soia	nco tochny	alogy has some where biosthics is				
hooded and	how to understa	nd the wonders of l	ifo and livin	ng things	will be die	oussed (Makika Ishikawa /5 timas)				
I annon Dia		ind the wonders of h		ing tillings	will be uis	cussed. (Makiko Isinkawa / 5 tines)				
Lesson Pla	an	C · 1 1	• ,			Teacher in charge				
1 Relatio	nship between li	te science and mode	ern society			OGURO				
2 How is	genomic inform	ation expressed?				OGURO				
4 How co	omplex bodies ar	e created?				OGURO				
5 Summa	ry and test on th	e basics of modern	life science	es		OGURO				
6 How m	uch do we know	about the brain?				MOGI				
7 What d	oes cancer look	like?				MOGI				
8 The rel	ationship betwee	en our food and our	health			MOGI				
9 How do	b humans prepar	e for pathogens?	11.0	1 11 1	·c ·	MOGI				
10 Summa	ries and tests on	the mechanisms of	life as revo	ealed by I	ife science	e research MOGI				
12 Life-sc	ience technology	act with the environ	innent?			ISHIKAWA ISHIKAWA				
12 Ene set	re the ethical and	l legal restrictions of	on the life s	ciences?		ISHIKAWA				
14 New D	evelopments in I	Life Sciences				ISHIKAWA				
15 Summa	ary and test on th	e progress of life sc	eience techi	nology an	d its relati	onship to society ISHIKAWA				
Feedback o	n Assignments (e	exams, reports, etc.)							
Report assig	gnments and que	estions will be fed	back to yo	u in every	y five clas	ses conducted by each teacher, and				
Moodle will	l be used for pos	ting and distributing	g class refe	erence mat	terials.					
Course Not	es									
We hope the	at you will use o	ur library and other	resources	to keep uj	p to date w	with the latest topics in life science.				
Contents of	Prior and Post-	learning (preparati	on and rev	iew)						
Prior learnin	ng "Read the pag	ges of the textbook r	elated to th	ne content	ts of each o	class session.				
"Submit ass	ignment reports	within the specified	l deadlines	after the	5th, 10th,	and 15th classes.				
Evaluation	Method (includi	ng evaluation criter	ria)							
Comprehensive evaluation based on in-class test (75%) and class participation (25%).										
Textbook	Textbook									
現代生命科学, 3rd Edition, edited by The University of Tokyo Life Science Textbook Editorial Committee,										
Yodosha										
Reference E	Books, Teaching	Materials, etc.								
It will be in	troduced as appr	opriate during the le	ecture.							

Course		Biotechnolog			OGURO Mieko							
Course Period	3 rd year, 2 nd semester	electives/2 credits	Class format	lecture	Cours Classi catior	e j	Specialized Education [Basic Specialized Education					
Objectives	1					1						
The study	y of the systems	by which organism	s operate is	s called bi	oscienc	e,whio	ch understands living organisms					
as a collect	ion of molecule	es and applies the l	knowledge	and tech	niques	of che	emistry, Biotechnology (genetic					
engineering	engineering) is closely related to bioscience. In the future, a vast amount of biotechnology will be used in the fields											
of animal nu	ursing and anima	al-human relations, a	as well as in	n real life,	and the	re wil	1 be more and more situations in					
which we as	re confronted wi	ith biotechnology pr	roblems or	forced to	make d	ecisio	ons. This course aims to provide					
students wit	th basic biotechn	ology knowledge th	nat will ena	ble them t	to respo	nd app	propriately to such situations.					
Lecture Ou	tline											
This cour	se is an introduc	tion to the field of b	iotechnolog	gy. Topics	s covere	d in tł	nis course include biotechnology					
overviews,	production of	biological molecu	ile, recom	binant D	NA, P	CR, I	ONA cloning, current events,					
biotechnolo	gy and sustainab	oility, and many mo	re. It is be	eneficial to	o apply	biotec	chnology to care for animals and					
to solve pro	oblems in anima	al-human relationsh	ips. In this	lecture,	basic k	nowle	dge of biotechnology, which is					
indispensab	le for living in s	uch an era, will be l	ectured bas	ed on bas	ic know	ledge	of biology.					
Lesson Plan	1											
1 Introdu	ction to biotech	nology subjects, the	wonder of	genes								
2 What a	re genomes and	genes?	1.									
J How pr	genome, genom	les of various anima	115									
5 DNA c	loning	i by genes:										
6 Polyme	erase chain reacti	ion (method) (PCR)										
7 Genetic	c diagnosis	(, (,										
8 DNA at	nalysis											
9 Agricul	ltural biotechnol	ogy										
10 Cloned	animal											
11 Genes i	related with coat	color in dogs										
12 Genes I	related with body	quanty in dogs										
13 Octors I 14 Biotech	mology for anim	al and human healt	h past, pres	ent. and f	uture							
15 Summa	and final examples	ms	ii pust, pres	ont, and i	ature							
Feedback of	n Assignments (exams, reports, etc.))									
Exams and	assignments will	l be explained in cla	ss and feed	back will	be give	n.						
Course Not	es	*			U							
Biotechnolo	ogy and its appli	cations are in the n	ews in new	spapers a	nd telev	vision.	I will be using Moodle to post					
information	and distribute re	eference materials for	or the class	, so keep	an eye d	out for	them.					
Contents of	Prior and Post-	learning (preparati	on and revi	iew)								
Prior learnin	ng: For the secon	d to fourteenth class	ses, a regist	er will be	distribu	ted in	advance, so please read through					
it beforehan	d and deepen yo	our understanding th	rough refei	ence bool	ks and t	he Inte	ernet.					
Post-learnin	g: Students will	compile lecture not	es on the le	ecture's co	ntent us	ing th	e register and the board.					
Evaluation	Method (includi	ng evaluation criter	ria)									
Students will be evaluated comprehensively based on 40 % normal points (including quizzes) and 64												
final exam.												
Textbook	Textbook											
handout												
Reference E	Reference Books, Teaching Materials, etc.											
DNA ジェー	・ムス ワトソン, K	lodansha, ポピュラー	-サイエンス	、DNA 鑑	定, Sok	kabo						
分子生物学	中継 Yodosha b	y <u>Takaaki Tamur</u> a, Y	Yodosha, 遺	<u> 试会子工</u> 学	<u>≄ 2nd</u> E	dition	Kodansha					

Course	Introduction to veterinary Nursing							Uchida et al.		
Course Period	1st grade Prophase	Required subjects 2 units	Class format	lecture	Course Classificati on Professional education [specialize basics					
Objectives										
Students can for patients, clarify the p understand t nurses based	understand the a and implement s osition of animal he need for anima l on ethical and le	nimal diseases that us pecific methodologie nurses in society fro al nursing by animal regal grounds regardin	nderlie nur es. In partio om the rela nurses. In a ng the socia	sing, the cular, we ationship addition	eoretica ve can p p betwe , the go nsibiliti	ally ex positio en pa al is to es asso	plain the know n animal nursi tients, owners, o understand the ociated with ve	ledge necessary to care ng as a practical study, and veterinarians, and e position of veterinary terinary nursing.		
Lecture Ou	tline									
Since this in at the same t Lecture on t position of t veterinarians associated w	troduction is the c ime, theoretically he concrete meth nurses in society s, and teach the r vith nursing, the p	core lecture of animal explain the knowled hodology. In particul from the relationsh- necessity of animal nu- position of animal nu-	l nursing, s ge necessat lar, we pos ip between ursing by r rsing will b	tudents ry to can sition an target nurses. be expla	should re for ta nimal n animal do. In a ined ba	be ma rget an ursing s and additions sed or	nde to understan nimals in anima g as a practical their owners i on, regarding the n ethical and leg	nd animal diseases, and al nursing, and further., l discipline, clarify the in animal nursing, and he social responsibility gal grounds.		
Lesson Plan	1									
Lesson Plan1Veterinary history and concepts2History of animal nursing and the need and social recognition of animal nurses3Basic concept of animal nursing (1)4Basic concept of animal nursing (2)5Establishment and characteristics of animal nursing6Animal Nursing Education and Pet Animal Nurse National Exam7Owner support and pet loss in animal nursing8The role of an animal nurse9Activities of professional associations10Terminal care for animals11Various animal views and environmental factors12Animal welfare concept13Animal welfare and society14Welfare of companion animals										
Feedback o	n Assignments (e	exams, reports, etc.))							
As feedback	, I will explain th	e contents of the sub	mitted repo	ort.						
Since it is a it is necessar	es class that governs ry to organize eac	s the origin of animal ch lesson together.	nursing to	be stud	lied fro	m nov	v on, the conter	nt is diverse. Therefore,		
Contents of Prior and Post-learning (preparation and review) Pre-study "Read the textbook page related to the content of each lesson", Post-study "After each lesson, review the contents of the lecture materials and supplement the points of interest by self-study."										
Evaluation	Method (includi	ng evaluation criter	ria)							
Evaluation is	s based on class p	participation, report s	ubmission	(50%) a	and exa	m (50	%).			
Textbook	reing Education	Standard Curriculus	m Compli	ant Apr	lied A	nimal	Nursing (I	ntroduction to Animal		
Nursing, Hu	man Animal Rela	tions, Animal Welfar	re / Ethics)	Animal	Health	Nursi	ng University A	Association Curriculum		

Review Committee, Interzoo Reference Books, Teaching Materials, etc.

						©UEDA Fukiko				
						OKUNO Takuji				
G	Introduc	ction to Anima	l- Huma	n		ISHIKAWA Makiko				
Course	Relations					NIIJIMA Noriko				
					AKIYAMA Junko					
						HORII Takayuki				
Course	1st year, 2nd	Required subject 2	Class	lectu	Course	Specialized Education [Basic				
Period	semester	credits	format	re	on	Specialized Education]				
Objectives										
1. The rela	tionship betwee	n humans and ani	mals. To	unders	stand 1) the l	history of animal husbandry and use,				
2) the dif	ferences between	n the Western and	Japanese v	iews o	f animals an	d our relationship with them, 3) the				
current st	atus of animal ca	are and use.								
2. Human	welfare and the	e relationship with	pet anima	als. T	o understan	d 1) the basic knowledge of the link				
between	animal abuse and	d interpersonal viol	ence, 2) an	1mal-h	oarding coll	apse, 3) the benefits that pet animals				
provide to	o children and th	he elderly, and the v	arious circ	cumstai	nces that ma	ke it difficult to keep pet animals as				
Animal	ye. assistad activitid	hatsisse_learning	therany a	nd an	imal-accicta	d education To understand 1) the				
physical	and psychologic	al effects of contac	t with anir	nals or	n humans ?) the purpose and content of animal				
assisted a	and psychologic	assisted therapy a	nd animal	assiste	$\frac{1}{2}$ d education	3) the public health and behavioral				
suitability	y of animals used	d in animal assisted	l activities.	anima	l assisted the	erapy and animal assisted education,				
4) the in	volvement of ve	eterinary clinics an	d pet nurs	es in a	animal care	activities, animal care therapy and				
animal ca	are education, 5) the purpose and	reality of s	school	animals and	the involvement of pet veterinary				
nurses (in	ncluding the reco	ognition by the Mi	nistry of E	ducati	on, Culture,	Sports, Science and Technology as				
part of m	oral education).									
Lecture Ou	ıtline									

Learn about the role that animals play in human society, their background and history, and understand the relationship between humans and animals from psychological and sociological aspects, including the realities and issues involved.

Lesson Plan

- 1 Guidance, what is Animal Human Relations?
- 2 The relationship between humans and animals (history and current situation of animal husbandry and use)
- 3 Animals in Japanese Literature and Art
- 4 Differences between Western and Japanese views on animals and our relationship with them
- 5 The current status of animal husbandry and use, and the role of animals in contributing to human life
- 6 Working animals (history, welfare, assistance dogs: guide dog, mobility service dog, hearing dog)
- 7 Human welfare (the benefits of pets to people: physical and psychological effects) and the problems of keeping pets as people age.
- 8 Pet ownership (reasons for keeping pets, history/current situation, attachment/dependence, pet loss)
- 9 The purpose and reality of school animals and the involvement of pet veterinary nurses
- 10 Objectives and contents of Animal Assisted Activity (AAA), Animal Assisted Therapy (AAT) and Animal Assisted Education (AAE)
- 11 Behavioral appropriateness of animals used in AAA, AAT and AAE
- 12 AAA, AAT, AAE and public health
- 13 The role of veterinary hospitals and veterinary nurses in AAA, AAT and AAE
- 14 The link between animal cruelty and interpersonal violence and animal-hoarding
- 15 State of the pet industry

Feedback on Assignments (exams, reports, etc.)

Feedback on reports and questions will be given in the "Summary" section.

Course Notes

The university library has an extensive collection of audio-visual materials as well as books in this field. Students are expected to use these materials to actively absorb as much knowledge as possible and grasp a clear study policy for their future in parallel with lectures. Reference materials will be distributed via Moodle.

Contents of Prior and Post-learning (preparation and review)

Prior learning: Read books and materials according to the lesson plan.

Post-lesson study: Review the materials distributed in class and submit a report within the specified period.

Evaluation Method (including evaluation criteria)

The overall evaluation will be based on 50% class participation and 50% reports.

Textbook

愛玩動物看護師カリキュラム準拠教科書シリーズ 4巻 動物看護学概論/人と動物の関係学/生命倫理・動物福祉 一般社団法人 日本動物保健看護系大学協会 カ リキュラム委員会編、Eduward Press ISBN 978-4-86671-158-4 (in Japanese) Reference Books, Teaching Materials, etc.

Course	Anima	natomy				IMAMURA Shin-ichiro							
Course Period	1st year / 1st semester	Required subject 2 credits	Class format	lecture	Clas	ourse	Sp	ecialized Education [Basic Specialized Education]					
Objectives	Objectives												
Understand the structure of cells, tissues and organs. Understand the structure of the circulatory system, respiratory system, digestive system, endocrine system, urinary system, reproductive system, brain and nervous system, locomotor system, and skin. Lecture Outline													
Learn the mechanism of animal life maintenance from the aspect of morphology, understand animals as living organisms at each level of cells, tissues, and organs, and establish the basis for learning about pathological changes.													
Lesson Plan 1 Introduction to morphology. What are cells, tissues and organs? 2 Skeletal system (basic structure of bones, bone tissue, hematopoietic tissue, trunk bones) 3 Skeletal system (limb bones, joints) 4 Skeletal system (skeletal muscles: musculature, head, neck, chest, lumbar, abdomen) 5 Skeletal system (skeletal muscles: forelimbs, hindlimbs) 6 Respiratory system 7 Circulatory system 8 Gastrointestinal tract (oral cavity, pharynx, esophagus, stomach) 9 Gastrointestinal tract (small intestine, large intestine, liver, pancreas) 10 Urinary system 11 Reproductive system 12 Cerebral nerve system 13 Special sense organs system 14 Ectodermal system, Sensory receptors in the skin 15 Endocrine system 15 Endocrine system 16 maswers to the quizzes given in class are not shown, However, the question is answered firmly.													
Course Not Take attend little by littl as possible.	es ance every time. e daily. Also, ple	There is a consider ease try to remembe	rable amo er anatomi	unt of in cal term	forma s corre	tion to me ectly. Try	emoriz to wri	ze, so be sure to organize it ite them in "kanji" as much					
Colored atlas for self-study, preparation and review, useful for second year practical training. Contents of Prior and Post-learning (preparation and review) The class will basically be conducted in the order of the syllabus, so please read through the assigned textbook for that unit. After class, please refer to the handouts and compare your notes with the notes you took in class.													
Evaluation Method (including evaluation criteria) Evaluation will be based on the overall judgment of class participation (20%), quizzes (30%), and regular examinations (50%).													
Textbook													
1. 基礎動	1. 基礎動物看護学 動物形態機能学・動物繁殖学、EDUWARD Press												
2. 犬の解	2. 大の解剖カフーリンクアトフム 学窓社												
Reference Books, Teaching Materials, etc.													
Color /	1. Color Atlas of Veterinary Anatomy、EDUWARD Press 2. カラーアトラフ 鮮医解剖学 ト下巻 EDUWARD Press												

Course	Animal Physiology						IMAMURA Shin-ichiro				
Course Period	1st year / 2nd semester	Required subject 2 credits	Class format	lecture	Cou Classifi	irse ication	Specialized Education [Basic Specialized Education]				
Objectives			•			ľ					
Understand the function of cells, tissues and organs.											
Understand the function of the circulatory system, respiratory system, digestive system and nutritional metabolism,											
endocrine system and hormones, urinary system and fluid regulation, brain and nervous system, blood and											
hematopoietic organs, locomotor system, and skin.											
Lecture Outline											
Learn the m	nechanism of an	imal life maintena	nce from	the aspe	ect of pl	hysiology	v. understand animals as living				
organisms a	t each level of ce	lls, tissues, and org	ans, and e	stablish	the basis	s for lear	ning about pathological changes				
Lesson Plan		<u>C</u> (2 11	11						
1 Introduc	ction to physiolo	gy. Structure and f	unction of	cells, of	ganelles	8					
2 Douy II 2 Eluid ro	ulds, electrolytes	s and actu-base equ	anco								
4 Blood (including plasm	a component and bl	ance	omnono	nt)						
5 Respira	tory systems and	t its regulation		ompone	III <i>)</i>						
6 Heart a	nd blood circulat	tion (heart myocar	dial prope	rties m	ocardial	l excitati	on cardiac cycle FKG etc)				
7 Heart a	nd blood circulat	tion (regulation of (ardiac fu	nction n	rinciples	of the h	blood circulation vessels etc.				
8 Digesti	on and absorption	n (mechanical dige	stive activ	vity cher	nical dia	s of the u	f the gastrointestinal tract etc)				
9 Digesti	on and absorptio	n (nancreatic functi	ion liver f	function	absorpt	ion of n	trients etc)				
9 Digestio	ne system functi	ions function of va	rious horr	nones	absorpt		durients, etc)				
11 Peprod	uctive function	reproductive system	n hormon	nones	l cuelo						
12 Nervou	s system (action	notential conducti	on and tra	nemiecie	n of exc	vitation	(Anapea)				
12 Nervou	s system (action	potential, conduction	vinhoral n	arva fun	otion (in	cluding	autonomic nerve function))				
14 Sensors	v receptors some	tic sensations spec	vial concat	ions		lenuunig	autonomic nerve function))				
15 Structur	re and characteri	stics of skeletal mu	scles refl	ev move	mente						
Foodback or	Assignments (o	vome reporte oto)		ments						
The answers	to the quizzes g	given in class are no) ot shown.	Howeve	r, the qu	estion is	answered firmly.				
Course Note	28										
Take attenda	ance every time.	Listen to the class	carefully	and take	notes a	ctivelv. I	want you to apply the lecture's				
content to ye	our own body an	d "feel" it.			100000	•••••••••••••••					
Contents of	Prior and Post-I	earning (preparati	on and re	view)							
The class wi	ll basically be con	nducted in the order	of the svl	labus, so	please r	ead throu	igh the assigned textbook for that				
unit. After cl	ass, please refer t	to the handouts and	compare v	our notes	s with the	e notes v	ou took in class.				
Evaluation	Method (includi	ng evaluation crite	ria)			<u> </u>					
Evaluation w	vill be based on th	ne overall judgment	of class pa	rticipatio	on (20%)), quizzes	s (30%), and regular examinations				
Textbook											
基礎動物看護学 動物形態機能学、動物繁殖学、EDUWARD Press											
Reference R	ooks, Teaching N	Materials. etc.									
基礎動物生	理学、アドスリ	_									
生理学 文	永堂										

Course	Practice	and				IMAMURA Shin- ichiro					
Course	2nd year / 2nd	Required subject 2	Class	training	Course		Specia	lized Education [Basic			
Period	semester	credits	format	training	Classificatio	n	Spe	cialized Education]			
Objectives											
This course aims to gain a concrete understanding of the structure and function of tissues, organs and body through											
observation and experimentation.											
Lecture Outline											
The anatomical component of animal morphology includes the skeleton, skeletal muscles, abdominal organs,											
thoracic org	ans, urogenital c	organs, focusing on	the canin	e. As a his	stology, obser	ve	the histo	logical image of major			
organs with	a microscope an	d understand its cha	aracteristi	cs. The ph	ysiological co	om	ponent in	cludes changes in vital			
signs, ECG	and blood press	tre measurements a	nd their si	ignificance	e, actual meas	sur	ements re	erated to sensation, and			
L aggar Diar		ated to renar functio	on to unde	rstand phy	ystological tu	ncı	.1011.				
Lesson Plan	tion of the whole	- prostico									
1 Proction	lion of the whole	e practice.	g of the sl	ault vortal	brog and ther	0v)					
2 Practice	al training on the	skeleton (sketching	g of the sr	mb bones	and hindlim	ax) 2 bi	ones)				
2 Tractica Practica	al training on th	e skeletal muscles	(observat	ion of he	and innumit	mi	uscles re	production of skeletal			
3 muscles	s with clay)	e skeletal museles	(00501 vai			1110	useres, re	production of skeletar			
Practica	al training on the	e skeletal muscles (observatio	on of neck	and forelim) m	uscles n	eproduction of skeletal			
4 muscles	s with clay)		00001 (4010								
- Practica	al training on the	e skeletal muscles (observatio	on of hind	llimb and wh	ole	body m	uscles, reproduction of			
⁵ skeletal	muscles with cl	ay)					·				
6 Practica	al training on the	intestinal organs (s	sketching	of abdom	inal and pelvi	c o	organs)				
7 Practica	al training on the	intestinal organs (s	sketching	of thoraci	c organs (incl	lud	ing pig h	eart) and brain)			
8 Practica	al training on the	tissues (sketching	of tongue	, small int	estine, pancre	eas,	, liver and	d kidney)			
9 Practica	al training on the	tissues (sketching	of lung, c	ardiac mu	scle, skeletal	тu	scle and	artery and vein)			
10 Practica	al training on the	tissues (sketching	of endocr	ine tissue,	skin and bon	le)					
Practica	al training on th	he regulation of th	ne circula	tory syste	em, respirato	ry	system a	and body temperature			
(measu	ring of TPR at re	est and after exercis	e using do	ogs)							
12 Practica	al training on th	e cardiovascular sy	/stem (me	easuring y	our own EC	G	and inter	preting the waveform,			
measur	ing blood pressu	re and interpreting	the values	s)	1 (* 11 .						
13 Practica	al training on th	e sensory system (measuring	g of visua	il field, two-p	0011	nt discrif	nination threshold and			
tempera	ature/cold sensat	10n) I			1 6 11 4						
14 Practica	al training on the	e sensory system (measuring	g of visua	ii field, two-p	0011	nt discrif	nination threshold and			
15 Prostion	ature/cold sellsat	ronal function (obs	orvetion	and quant	ification of ra	nol	cornuso	los using nig kidnov)			
Foodback or	n Assignments (vome reports atc		anu quanti		mai	Corpuse	ies using pig kidney)			
All sketches	and reports will	be returned so nle) ase do no	t discard t	hem and use	the	m in futu	re application courses			
Course Not		i be returned, so pre		t uiscaiu t	nem and use	une	iii iii iuu	ne application courses.			
Take attend	ance every time	There is a consider	rable amo	unt of inf	ormation to r	ner	norize so	be sure to organize it			
little by littl	e daily Also ple	ease try to remembe	er anatom	ical terms	correctly Tr	v to	write th	em in "kanii" as much			
as possible.	e duily. Theo, pre		i unutoni	iour corris	conceaj: 11	,		em manji us muen			
Colored atla	s for self-study, p	reparation and revie	w, useful f	for second	vear practical	tra	uning.				
Contents of	Prior and Post-	learning (preparati	on and re	view)	J		0				
The details of	The details of the training will be developed based on the materials given each time, but please keep in mind that you										
will review the morphology and physiology that you studied in the first year in advance.											
Evaluation Method (including evaluation criteria)											
Class participation (70%) and examination, assignments and reports (30%) will be judged comprehensively.											
Textbook											
犬の解剖カラーリングアトラス、学窓社											
Reference B	Reference Books, Teaching Materials, etc.										
基礎動物看	護学 動物形態	態機能学・動物繁死	直学、ED	UWARD I	Press						

Course	Ani	mal Emvironmenta	al Science			MOGI Chie					
						AKIYAMA Junko					
						MITSUI Kana					
Course period	2nd year, Spring semester	Required 2 credits or Elective 2 credits	Class format	Lecture	Course classificat ion	Specialized Education [Basic Specialized Education]					
Objectives	es										
Objectives 1. Pet ownership and environment maintenance (1) To understand the necessity and methods (including problem behavior prevention) of pet-keeping environment maintenance for people and pets based on animal behavior studies (2) Understand the current status of pet-friendly housing and methods of environmental maintenance and management 2. Pet tourism-related facilities and dog runs (1) To understand the current status of pet tourism and how it is implemented (2) To understand the environmental maintenance and management methods of pet-accompanied lodging hotels (3) To understand how to improve and manage the environment of dog-run facilities (4) To understand the planning and operation of pet-related event activities and regional promotion 3. Protective housing facilities 1) To understand the environmental maintenance and management methods of animal shelters and disaster evacuation facilities, and shelter medicine 2) Understand the role of animal welfare management centers, overview of facilities, and public awareness activities 4. Education and training facilities for pets (1) To understand the significance, necessity, methods, and facilities for animal socialization training 5. Animal Assisted Education Facilities (1) To understand the necessity and purpose of pet-keeping manners (2) Understand the necessity and purpose of pet-keeping manners (3) To understand the osignificance											
Lecture out	line	ing of animal habay	vior pottorn	a student	a uvill loom	about matheds for maintaining and					
Based on managing th runs, protect as methods a the living en	an understandi e environment ive housing fac and manners for vironment shou	for keeping pets in ilities, pet education removing and reduc ld be for coexistence	vior pattern homes, etc. and trainin cing risks su e between h	s, student , pet-symbolic g facilities ich as pet a umans and	s will learn biotic housi s, and anima accidents an d pets.	about methods for maintaining and ng, pet tourism-related facilities, dog al-assisted education facilities, as well ad injuries, in order to understand how					
Lesson plan	1	11									
 1 Introduction to Animal Living Environment 2 Maintenance of Dogs' Living Environment 3 Maintenance of the domestic environment for cats 4 Dog management methods, problem behavior prevention 5 Cat management methods, problem behavior prevention 6 Pet tourism 7 Improvement of environment for pet-accompanied lodging facilities and dog-runs 8 Planning and operation of pet-related event activities and regional promotion 9 Role of animal welfare management centers 10 Environmental improvement of animal housing shelters and disaster evacuation facilities, shelter medicine 11 Owner education and animal socialization training facilities 12 Environmental improvement of facilities for animal care education, school-owned animals, etc. 13 Pet-keeping manners and related ordinances 14 Manners for keeping pet animals by type 15 Pet insurance 											

Feedback on assignments (exams, reports, etc.)

Detailed instructions for the in-class test are posted in the Moodle topic.

Course Notes

The class will be based on handouts, PowerPoint presentations, and written notes. Students are encouraged to actively take notes on important information and to make their own notes and retain them in their memory. Students are expected to remember to bring handouts to class. If you are absent, please submit a notice of absence or send an e-mail with the reason for your absence before the next class.

Contents of prior and post-learning (preparation and review)

Pre-work: Read the pages of the textbook related to the content of each class session.

Post-lesson review: Review the in-class tests and study the related topics.

Evaluation method (including evaluation criteria)

The evaluation will be based on an in-class test (75%) and class participation (25%).

Class participation will be evaluated based on attendance and absence as well as active learning attitude such as preparation and asking questions about unclear points in class.

Textbook

Pet Nurse Curriculum Compliant Volume 10, Theory of Proper Care and Guidance / Animal Life and Environment Studies / Introduction to Pet-Related Industries, Eduward Press.

Reference books, teaching materials, etc.

Introduced in lectures as appropriate.

Course		Animal Behavio	or			Mogi Chie			
Course Period	2nd year 2nd semester	Electives 2 credits	Class format	lectu re	Course Classificati on	Specialized Education [Basic Specialized Education]			
Objectives									
1. Basics of	of animal behaviou	r. To understand the f	our question	ıs of ani	mal behaviou	cadaptation, evolution, mechanism and			
development), the evolution of	behaviour, adaptatio	n and dome	stication	n, innate beha	vior and learned behavior, and how the			
brain control	prain controls behaviour.								
2. Individu	ual maintenance be	ehaviour. To understa	nd feeding,	drinking	g, defecation, g	grooming, and self-defense behavior.			
3. Develop	pmental process ar	nd social behaviour. To	o understanc	the dev	velopmental st	ages (neonatal, transition, socialization,			

young, mature and old) and the behavioural characteristics of each stage, reproductive, communicative, and hostile and friendly behaviour.

4. Learning theory. To understand the formation of behavior, habituation and sensitization, classical conditioning and operant conditioning, and the factors that influence learning. Understand basic training methods (toilet training, crate training, biting control, etc.)

5. Problem behaviour. To understand the definition of problem behaviour and the factors that contribute to it (genetic, innate and environmental factors), the types of aggressive behaviour, their causes (motivation) and treatment. To understand the causes of problem behaviors related to fear and anxiety, inappropriate defection behaviour, and cognitive dysfunction in old age.

6. Behavioural treatment. To understand how to proceed with behavioral treatment, the types and indications of behavior modification and environmental modification methods, and pharmacotherapy in behavioral treatment.

Lecture Outline

Learn about the behavioural characteristics of dogs and cats as a species, and understand the causes of problem behaviour and how to deal with and prevent it.

Lesson Plan

- 1 Basic concepts of animal behaviour and evolution of behaviour
- 2 Meaning and effects of maintenance behaviour
- 3 Social behaviour (significance of grouping, communication between individuals, hostile and friendly behaviour)
- 4 Mechanism of behavioral expression (motivation of behavior, innate behavior of search and completion)
- 5 Timing of behavioural expression (periodicity, reproductive behaviour, developmental science in dogs and cats)
- 6 Learning theories of behaviour (classical and operant conditioning)
- 7 Definition and factors of problem behaviour (normal and abnormal behaviour, congenital and acquired factors)
- 8 Procedures of behavioural treatment (counselling and consultation)
- 9 Methods of behaviour modification (e.g., desensitization, antagonistic conditioning, higher-order conditioning, etc.)
- 10 Aggression problems in dogs and how to deal with them (e.g., assertive aggressive behaviour)
- 11 Fear/anxiety-related problem behaviors in dogs and their management
- 12 Feline elimination problems and strategies (e.g., urine marking)
- 13 Aggression problems and coping strategies in cats (e.g., conflict aggression)
- 14 Age-related cognitive dysfunction in dogs and cats and how to manage it
- 15 Preventing behavioural problems (pre-homing consultation, puppy classes, proper handling)

Feedback on Assignments (exams, reports, etc.)

A quiz on the course content will be given at the end of each lecture. Questions about the lecture content will be accepted after each lecture and explained in the subsequent lectures.

Course Notes

The class will be conducted based on handouts, power points, and videos on the Moodle system. Students are encouraged to write down important information in their notebooks and make notes in their own handwriting to consolidate their memory. You must inform the teacher of the reason for your absence. If you are absent without notifying the teacher, your grade will be deducted. Moodle will post announcements and class reference materials.

Contents of Prior and Post-learning (preparation and review)

Prior study: Read the material for the next class on Moodle and understand the meaning of technical terms. After class: Write down the important points explained in the lecture in your notebook. Reread the handouts.

Evaluation Method (including evaluation criteria)

Comprehensive evaluation based on the end-of-term exam (60%) and class participation (40%).

Textbook

愛玩動物看護師カリキュラム準拠6巻「動物行動学/愛玩動物学/比較動物学」エデュワードプレス

Reference Books, Teaching Materials, etc.

獣医学教育モデル・コア・カリキュラム準拠 臨床行動学 (森裕司、他著)インターズー

Course		CS				ISHIKAWA Makiko				
Course Period	1st year, 2nd semester	Required subject 2 credits	Class format	lectu re	Con Class	urse sificati on	S	pecialized Education [Basic Specialized Education]		
Objectives Taking humans, and animals closely related to humans, as examples, students will systematically learn conventional genetics centered on Mendelian genetics, new genetics centered on molecular genetics, and applied genetics in actual use. The goal of this course is to acquire the basic knowledge of animal genetics required for the Animal Nursing and Animal Human Relations majors.										
Genetics is genetics ha molecular a Mendelian molecular g and how gen	Lecture Outline Genetics is an important field of life science. From the accumulation of classical empirical laws, the concept of genetics has been established as a theoretically structured discipline with the recent remarkable progress in molecular and population genetics. In this lecture, we will explain the basic concepts of genetics with a focus on Mendelian genetics. We will also introduce the relationship between conventional Mendelian genetics and molecular genetics, explain how these are used in laboratory animals, industrial animals, and companion animals, and how genetics is related to reproductive science and genetic engineering									
Lesson Plan 1 Genetic 2 Basic L 3 Basic L 4 Structur 5 Structur 6 Chromo 7 Linkage 8 Genetic 9 Mutatio 10 Sex-Lin 11 Populat 12 Inherita 13 Natural 14 Genetic 15 Summa	 as in genetics is related to reproductive service and genetic engineering. esson Plan Genetics Around Us Basic Laws of Heredity (1) Mendel's Laws Basic Laws of Heredity (2) Extension of Mendel's Laws Structure and Function of Genes (1) Structure of DNA Structure and Function of Genes (2) Gene Duplication and Information Transmission Chromosomes Linkage Genetic Map Mutation Sex-Linked Inheritance Population Genetics Inheritance of Quantitative Traits Natural Selection Genetics and Evolution 									
Feedback on Feedback on	n Assignments (e quizzes, reports	exams, reports, etc. and questions will b) e given in tl	ne lectu	ire.					
Course Note It is recomm	es nended that stude	ents have taken Bas	ic Biology.							
Contents of Review the	Prior and Post- handouts in the o	learning (preparati class to deepen you	on and revi r understan	iew) ding aı	nd pre	pare fo	or the	next class.		
Evaluation The overall	uation Method (including evaluation criteria) overall evaluation will be based on quizzes (40%) and examinations (including reports, 60%) at each class.									
Textbook	Textbook									
カラー図解 進化の教科書 第2巻 進化の理論, 2017 年, カール・ジンマー, ダグラス・J・エムレン著, 講談社ブルーバックス										
Reference E Reference b	Books, Teaching I books will be intr	Materials, etc. oduced in the lectu	re.							

Course		Theriogenolog	gy			MURAKAMI Takahiro				
Course Period	3rd year, 2nd semester	Required subject 2 credits	Class format	lecture	Course Classific ation	Specialized Education [Basic Specialized Education]				
Objectives										
Reproductio	on is one of the	most essential part	of animals	' life and	l it also rel	ates to evolution history. The main				
objective of	this course is to	understand the fund	damentals of	of reprod	uctive proc	cesses.				
Lecture Out	tline									
In this cour implantation evolution. T to understan	In this course, students will learn morphology of reproductive organs, mechanisms of animal reproduction, implantation, pregnancy and parturition. Reproduction is an important process for animal behavior and their evolution. Thus, students will learn the effects of reproduction on animal behavior and evolution. Students are able to understand behavior, physics, and morphology relate to reproduction.									
Lesson Plan	1									
1 What is	s reproduction? H	Relationships betwe	en reproduo	ction and	evolution					
2 Genetic	es basis for under	standing reproducti	ion							
3 Genetic	e mechanisms an	d recent knowledge	and techno	ologies						
4 Genetic	c diseases and de	velopmental disord	ers							
5 Morpho	ology and function	on of reproductive of	organs							
6 Control	of reproductive	functions by sex-ho	ormones							
7 Sexual	maturity and sig	ns of estrus, mechai	nisms of ov	ulation						
8 Sexual	cycle vaginal sr	near test and optim	al mating t	ime						
9 Ovum	sperm and fertili	zation	ur muting t	lille						
10 Implant	tation developm	ent pregnancy and	nlacenta							
10 Implant	ion spaying pa	storing and artificial	l incominat	ion						
12 Noopot	al care lectation	and development of	f nowborne	,						
12 Neonati	al cale, factation	and development o		•						
13 Reprod		y of farm animals								
14 Reprod	uctive physiolog	y of wildlife								
15 Summa	ry of theriogeno	logy	<u> </u>							
A quiz will b	be given in each c	lass, and explanation	ns, response	es and con	nments of t	he quiz will be given at the following				
class.	C	, I	· 1							
Course Not	es	ta hava laarnad hasi	a constian a	ndambra	ology					
Contents of	Prior and Post-	earning (preparation	on and revi	iew)	logy					
Prior learnin	g: Before each cl	ass, check the basic	knowledge	and keyw	vords.					
Post-lesson s	son study: After each class, students should review essential parts of the lecture									
The overall of regular exam	evaluation will be	e based on the results of quizzes).	s of 20% of	class par	ticipation, 8	80% of written examinations (50% of				
Textbook		·1 ·· ······								
動物看護士	教育コアカリキ	ュラム 2019 準拠	·基礎動物	看護学	1,動物形	態機能学・動物繁殖学,エデュワ				
ードブレス Animal Nurr	(X. Basic Animal Nursing (1) Animal Morphology and Theriogenology; following the Core Curriculum for Jursing Education 2019, Eduward press, Tokyo									
Reference B	Books, Teaching	Materials, etc.	10Ky0.							
Materials wi	be distributed in class as needed.									

Course	Vete	rinary Pharma	acology			TOMITA Sachiko KONDO Masahiro USHINE Nana
Course Period	2nd year 1st semester	Elective 2 credits	Class format	Lecture	Course Classific ation	Specialized Education [Specialized Subjects]
Objectives		L	I			
1. Basics	of animal pharm	acology				
2. Handlir	ng of drugs by ar	nimal nurse				
3. Drugs t	hat affect the ner	rvous system				
4. Drugs t	hat affect the res	piratory system				
5. Drugs t	hat affect the car	diovascular system	and urinar	y system	l	
6. Drugs t	hat affect the dig	gestive organs				
7. Drugs f	or autacoid, met	abolic and endocrin	ne systems			
8. Drugs t	hat affect the blo	ood and immune sys	stem			
9. Drugs u	used in the treatn	nent and prevention	of infection	us diseas	ses	
10. Drugs	used in the treat	ment of malignant	tumors			
Lecture Ou	tline					
Learn about	the pharmacok	inetics and mechan	ism of action	on of typ	pical drugs,	their clinical applications and side
effects, and	understand how	they are used in the	e diagnosis	and trea	tment of an	imal diseases.
(about110 w	vords)					
Lesson Plan						
1 Fundan	ientals of Anima	I Pharmacology I				
2 Basics	of Animal Pharn	hacology 2				
3 Basics	of animal pharm	acology 3				
4 Handlir	ig of drugs by ar	nimal nurse				
5 Drugs a	icting on the ner	vous system				
o Drugs t	nat affect the res	spiratory system		~		
7 Drugs a	bet effect the gas	alovascular and um	hary system	IS		
9 Autaco	id related drugs	steroid hormone p	anarations			
10 Therap	autic and prophy	lactic agents for inf	fectious dise	226661		
11 Therape	suffic and prophy	lactic agents for inf	fections disc	-ases 7		
12 Drugs f	for malignant fur	nors (antineonlastic	druge)	Cu5C5 2		
12 Drugs I	cting on the blo	od and immune sys	tem1			
14 Drugs t	hat affect the blo	ood and immune sys	stem 2			
15 Drugs a	cting on metabo	lic and endocrine s	vstems			
Feedback of	n Assignments (exams, reports, etc.)			
Confirmatio	on quizzes are a	nswered and expla	ined in clas	ss.		
Course Note	25	1				
A quiz will	be given after ea	ach lecture. The re	sults are su	bject to	grade eval	uation.
Contents of	Prior and Post-	learning (preparati	on and revi	ew)		
Prior learnin	g: Students shoul	d prepare as much as	s possible fo	r each les	sson using tl	he textbook and other materials before
the lecture. F	ost-lecture study	: Review the key poi	nts presente	d in the c	lass and the	confirmation test, using the handouts,
textbook, etc	., to ensure know	/ledge.	• `			
Evaluation	Method (includi	ng evaluation crite	ria)	1. 6.00	0/ 01	
Students wil	1 be evaluated co	mprenensively based	1 on the result of regular cases	uts of 20	1% of class 1	participation (including submission of
Teports) and	80% of written e	xammations (30% 0	i legulai exa	ammation	lis alla 50%	or quizzes).
愛玩動物看	護師カリキュラ	ラム準拠教科書 2	巻 動物病	雨理学 /	動物薬理	学(日本動物保健看護系大学協会
カリキュラ	ム委員会編)エ	デュワードプレス				
Reference B	ooks, Teaching	Materials, etc.				
Materials wi	ll be distributed a	according to the lectu	ure content.			
Reference bo	ooks will be intro	duced in the lecture.				

Course	Vet	cerinary Patho	ology			Takashi Umemura					
Course Period	2nd year Spring semester	Electives 2 credits	Class format	lect ure	et Course Classifica Specialized Education						
Objectives	5										
Pathology of this cours in the body, activities in	y is an essential s se is to learn about and how the dis clinical practice	ubject that provide ut the concept of d sease progresses, a through a compre-	es the basis for isease: what and to under hensive under	or unde causes stand t erstand	erstanding and s various dise he academic ling of diseas	imal health and disease. The purpose eases, what biological changes occur background of various animal care ses.					
Lecture O	utline			-							
Pathology is	s an essential sub	ject that provides	the basis for	under	standing anir	nal health and disease. Students will					
learn the ba	isic knowledge (of disease concept	ts, such as v	what c	auses variou	s diseases, what kind of biological					
changes occ	ur in the body, a	nd now the disease	e progresses	to und	erstand disea	ises.					
1 Introdu	ui ction to the field	of pathology									
2 Mainta	enon to the neit	tagia (homoostagia	foodbook	aaahan	iama)						
2 Mainter				lechan	ISIIIS)						
3 Degene	rative lesions (de	egeneration, necro	sis, apopiosi	is, atroj	pny) wound booling						
5 Circula	tory disorders (leg	ocalized circulator	v disorders	asia, w system	ic circulator	y disorders)					
6 Inflam	nation (definition	n of inflammation.	causes, out	comes)							
7 Acute a	and chronic infla	mmation (chemica	l transmitter	s, cyto	kines)						
8 Immun	ity (fundamental	s of immunity, liqu	uid immunity	y, cellu	lar immunity	<i>y</i>)					
9 Immun	e abnormalities (autoimmune disea	ses, allergies	s, imm	unodeficienc	cy)					
10 Tumor	1 (concept, class	ification)									
11 Tumor	2 (gene damage,	cancer (suppresso	r) gene)	`							
12 Blood (about blood, her	natopoietic tissue,	blood diseas	ses)	and abroma	amal abnormalities developmental					
13 Deficition	s classification c	f malformations)	ogy, genetic	uiseas	ses, chromos	omai abnormanties, developmentar					
. Metabo	lic disorders (disorders of carb	ohvdrate, p	rotein.	nucleic ac	id. lipid. inorganic. and pigment					
¹⁴ metabo	lism)		J , I	,		r r r r r r r r r r r r r r r r r r r					
15 Aging a	and Summary										
Feedback	on Assignment	ts (exams, repor	ts, etc.)								
The evaluat	ion criteria for th	ne submitted report	ts will be exp	plained	l at a later da	te.					
Course No	otes										
Students ne	ed to understand	l basic subjects su	ich as anima	al anat	omy, biochei	mistry, and physiology. In addition,					
students sho	ould be familiar v	with the terminolog	gy used in pa	atholog	gy.						
Contents of	of Prior and Po	ost-learning (pre	eparation a	and re	view)						
Please refer	to the syllabus t	o gather basic kno	wledge in ac	lvance	. Compile no	tes based on the materials presented					
in class, rev	iew them using t	he textbook, and u	ise the librar	y to bu	iild on your k	knowledge.					
Evaluation	n Method (incl	uding evaluatio	n criteria)		$\langle 0/\rangle = 1$	1 (((0)))					
Overall eval	luation based on	class participation	(20%), repo	orts (20	J%), and regu	11ar exam (60%)					
Lexidook	ol Numerica (2)	nimal Dathalas	and Dhames		(Intorne)	following the Core Curriculum for					
Dasic Anim	at inursing (2) F	Ammai Pathology	and Pharma	acology	y (Interzoo)	ionowing the Core Curriculum for					
Animal Nursing Education 2019 Reference Books, Teaching Materials, etc.											
Simple Path	ology (Naniiano	-do)									
r i au											

Course	General T	Theories of Ani Nursing	mal Clir	nical			TOMITA Sachiko SUZUKI Tomoko					
Course Period	1st year 1st semester	Required subject 2 credits	Class format	lecture	C C i	ourse assific ation	e v	Specialized Educ Specialized E	cation [Basic ducation]			
Objectives				i								
1. Developr	nent of the anim	al health care proce	SS									
2. Medical 1	records	1										
3. Veterinar	v nursing duties											
4. Techniqu	es related to term	ninal care										
Lecture Ou	tline											
To learn the	e series of proce	esses in the animal	care proce	ess and a	acai	uire the	basi	c concept of an	nimal care with			
emphasis or	the individualit	ty of each case.	P									
Lesson Plan	1											
1 What is	a veterinary nu	rse										
2 Develo	pment of the An	imal Nursing Proce	ss 1									
3 Develo	pment of the An	imal Nursing Proce	ss 2									
4 Develo	pment of the An	imal Nursing Proce	ss 3									
5 Develo	pment of Anima	1 Nursing Process 4										
6 Medica	l Record 1	C										
7 Medica	l Record 2											
8 Animal	Nursing Care S	ervices 1										
9 Animal	Nursing Care S	ervices 2										
10 Animal	Nursing Care S	ervices 3										
11 Animal	Nursing Care S	ervices 4										
12 Animal	Nursing Care S	ervices 5										
13 Animal	Health Care Ser	rvices 6										
14 Technic	ques related to te	erminal care 1										
15 Technic	ques related to te	erminal care 2										
Feedback of	n Assignments (exams, reports, etc.)									
Return com	nents on reports,	etc.										
Course Not	es											
Since there	is a wide range	e of subjects to be	studied and	d many	of t	hem are	e bas	ic, students sho	ould familiarize			
themselves	with the subjects	s by reading the text	books and	reference	e bo	oks of t	he sp	ecialized subject	cts to be studied			
in stages an	d studying the te	echnical terms in pre	eparation.									
Contents of	Prior and Post-	learning (preparati	on and rev	iew)								
Prior learnin	g: Read the textb	ook and other mater	ials related	to the co	nter	nt of the	class					
Post-lesson	Post-lesson study: Read and reread the class handouts and textbook, and compile notes.											
Evaluation	Evaluation Method (including evaluation criteria)											
Overall evaluation based on class participation and report assignments (40%) and regular examinations (60%)												
愛玩動物看	護師カリキュラ	シム準拠教科書9巻	参 動物臨)	床看護学	総	論 / 動	物臨	床看護学各論	(日本動物保健			
看護系大学	協会 カリキュ	ラム委員会編)エ	デュワー	ブレス								
Handouts v	vill be distribute	ed according to the	lecture con	ntent.								
Reference B	ooks, Teaching	Materials, etc.										

Introduced in lecture.

Course	Practic	e of Veterinary Nursing I		MITSUI Kana ARAKAWA Maki AKIYAMA Ran TOMONO Haruka						
Course Period	1st year 2 nd semester	Required subject 2 credits	Class format	Train ing	Course Classificati on	Specialized Education [Basic Specialized Education]				
Objectives	8				<u> </u>					
1. physical	examination									
2. Medical	examination ass	istance								
Lecture Ou	tline									
Acquire the techniques	practical skills necessary for int	to apply the knowled ternal medicine treat	dge learne ment.	ed in ve	terinary interr	nal medicine nursing, including the				
Lesson Plan	1									
1 Basic k	nowledge of ve	terinary nursing								
2 Canine	handling									
3 Exam a	ssistance 2: Bas	sic holding method 1								
4 Exam a	issistance 3: Bas	sic holding method 2								
5 How to	handle a cat									
7 Physica	al examination 7)								
8 Physica	al examination 3	3								
9 Medica	al exam assistant	ce 4								
10 Medica	d exam assistant	ce 5								
11 Medica	al exam assistance	ce 6								
12 Medica	l exam assistance	ce 7								
13 Retenti	on method revie	ew								
14 Genera	l summary									
15 Practica	al skill check									
Feedback o	n Assignments (exams, reports, etc.))							
Return com	ments on report	s, etc.								
Course Not	es	broad and includes r	nony hogi	itoma	atudanta ahai	uld familiarize themselves with the				
subject by a	reading the text	books and reference	hooks of	the spe	, students shot	and familiarize themserves with the				
studying tec	chnical terms	books and reference	DOOKS OI	the spe	chanzed subje	tets to be studied in stages and by				
Contents of	Prior and Post	learning (nrenaratio	on and rev	view)						
Prior learnin	ig: Read the text	book and other mater	ials related	to the	content of the	class and relate them to the previous				
semester's cl	lass.					1				
Post-lesson	study: Review th	e class and handouts,	and comp	ile note	5.					
Evaluation	Method (includ	ing evaluation criter	ria)							
Comprehens	sive evaluation	based on class parti	cipation a	nd assi	gnment report	s (60%) and regular examinations				
(practical an	practical and written) (40%)									
Textbook										
・ 変現動物有 護師 ルリキュフム 準拠 教 件 書 (
・動物看護	を実習テキスト	第3版 エデュワ	ードプレ	ス						
Reference F	Books, Teaching	Materials. etc.								
Handouts wi	ill be distributed	according to the lectu	ire content	•						
1) よく診れ	る犬の疾患・猫	の疾患 50 (鈴木立加	進、interz	00) 2)動物看護テ	キスト(改訂2版)谷口明子著				
ファームプ	る天の疾患・猫の疾患 50(鈴不立雄、interzoo)、2)動物看護テキスト(改訂 2 版)谷口明子著、 プレス)、3)動物看護の実践(第 2 版)、ファームプレス									

Course	Veterinary Medical Nursing							⊖TANIGUCHI Akiko			
						SAKURAI FUjiro					
Course period	2 nd year, Autumn semester	Required 2 credits or Elective 2 credits	Class format	lecture	Co clas i	Course assificat Specialized Education [Basic Specialized Education					
Objectives	IVA										
1. mainter	nance and prom	otion of health									
(1) Under	stand the conter	nt and purpose of he	alth examina	ations							
2. techniq	ues necessary fo	or assisting in medic	al examinat	ions							
(1) To unc	derstand the pro-	e of the pet nurse in t	medical exa	minations	avom	ination	roon				
(2) To unc (3) To unc	derstand the app	paration and hygiend	t each specie	es of anim	zzani 191	mation	1001	11			
(4) To und	derstand the bas	ic principles, purpos	e, and meth	ods of res	traint						
(5) Under	rstand physical	examination and	assessment	items (w	veigh	t, temp	oeratu	are, pulse, respiration, level of			
consciousne	ss, mucous men	nbrane color, groin a	rtery pressu	re, capilla	ary re	fill tim	e (CF	RT), shallow lymph nodes, etc.)			
3. techniq	ues required for	examination and tre	eatment								
(1) Under	stand how to ha	ndle and manage sy	ringes								
(2) Under (2) To uno	stand the purpor	se and methods of b.	lood collecti	ion	oture	aatha	tomize	ation ata)			
(3) To unc (4) To unc	derstand the pur	pose and methods of re-and aspiration	i urine cone	cuon (pur	icture	e, cathe	teriza	ation, etc.)			
(4) To unc (5) To unc	derstand various	types of catheter in	sertion								
(6) To uno	derstand oxygen	inhalation									
(7) To unc	derstand microc	hip insertion									
4. techniq	ues related to m	edication administra	ation								
(1) Under	stand prescribin	g of medications									
(2) Under	stand how to us	e oral medications									
(3) To unc	derstand how to	inject drugs	and how t	o odminio	tonm	adiaati	on ha	sthe			
(4) Under	stand the preca	tions to be taken be	fore and after	o aunnins er adminis	terin	o medi	catio	uns ns 5			
5. technia	ues related to in	ifusion			, contra	5 mean	cano				
(1) Under	stand the indica	tions and risks of in	fusion								
(2) Under	stand infusion p	olanning									
(3) Under	stand the charac	cteristics and indicat	ions of vario	ous infusio	on ag	ents					
(4) To uno	derstand monito	ring during infusion									
6. techniq	ues related to bl	lood transfusion	- 1 4								
1) Unders	tand the indicat	tons and risks of blo	od transfusi	on							
3) Unders	tand cross-mate	testing and blood	tvning								
4) Unders	tand the indicat	ions and characteris	tics of vario	us transfu	sion	product	ts				
5) Unders	tand the proced	ures involved in blo	od transfusi	on							
6) Unders	tand adverse rea	actions to blood tran	sfusion								
7. techniq	ues related to el	ectrocardiogram and	d blood pres	sure							
(1) Under	stand the purpo	se and significance of	of electrocar	diography	/						
(2) Under (2) To uno	stand how to pe	rform electrocardiog	graphy	no for blo	od m			automont.			
(5) To und	uerstand the men	LIIOU, SIGNIFICATION, a	nd precautio	DIS IOI DIO	ou pi	essure	meas	surement			
(1) To unc	derstand the pur	bose and significant	e of X-rav e	examinatio	on						
(2) To understand radiation protection											
(3) To und	lerstand how to	perform radiographi	c examinatio	ons and th	e pos	itions in	n whi	ich radiographic images are taken			
(4) To unc	derstand contras	t and fluoroscopy									
(5) To unc	lerstand film de	velopment and digit	al radiograp	hy							
(6) To uno	o understand CT and MRI. 9.										
9. techniq	ues related to u	Itrasonography									

- (1) Understand the purpose and method of ultrasonography and the holding position
- (2) To understand B-mode, M-mode, and Doppler method. 10.
- 10. techniques for endoscopy
- (1) Understand the purpose and significance of endoscopy
- (2) Understand how to perform and prepare for endoscopy
- (3) To understand the methods of cleaning and disinfecting scopes. 11.
- 11. techniques for neurological examination
- (1) To understand postural responses and spinal reflexes
- (2) Understand examination methods for cranial nerves
- (3) To understand the evaluation and recording methods of neurological examinations. 12.
- 12. techniques for ophthalmologic examination
- (1) To understand the methods and significance of the Schirmer test and fluorescein test
- (2) To understand the method and significance of intraocular pressure measurement
- (3) To understand the methods and significance of fundus examination. 13.
- 13. techniques for skin and ear examination
- (1) To understand observation and recording methods of skin lesions
- (2) To understand skin scraping and curettage, stamp examination, coat examination, and skin biopsy
- (3) Understand the Wood's lamp test and fungal culture methods
- (4) To understand the methods and significance of examination of the external auditory canal

Lecture outline

Students will learn the basic knowledge necessary to assist in internal medicine care and understand the physical examination, blood draws, medications, transfusions, blood transfusions, tests necessary for diagnostic imaging, and recording of findings.

Lesson plan

1 Techniques necessary for maintaining and promoting health and assisting medical treatment: understanding the content and purpose of health examinations, preparation of examination rooms, hygiene control, and how to treat animals by species.

2 Skills required for assisting medical treatment: understanding the basics of restraint and physical examination items

3 Techniques required for examination and treatment: understanding of the basics of handling syringes, blood and urine collection

4 Techniques required for examinations and procedures: understanding of puncture, aspiration, catheter insertion, oxygen inhalation, and microchip

5 Medication-related skills: understanding of drug handling, administration, and precautions

6 Skills for transfusion: understanding of indications, administration plan and follow-up, and characteristics of various infusion agents

7 Blood transfusion skills: understanding of indications and risks, administration plan and follow-up, crossmatching and blood typing, and techniques and knowledge required for blood transfusion

8 Techniques related to electrocardiogram and blood pressure: understanding of the purpose, technique and significance of the test

9 Techniques related to X-ray and CT/MRI: understanding of the purpose, significance, techniques, and protection of X-ray examinations

10 Techniques involved in X-ray examination and CT/MRI: understanding of contrast, fluoroscopy, development methods, CT and MRI

11 Techniques involved in ultrasonography: understanding of the purpose and significance of the examination and modes of measurement

12 Skills for neurological examination: understanding of examination content and evaluation and recording methods

13 Ophthalmologic examination techniques: understanding of the techniques and significance of examination procedures

14 Skin and ear examination techniques: understanding of observation and recording methods, techniques and significance of examination methods

15 Techniques for endoscopy: understanding the purpose and significance of the examination and management of equipment

Feedback on assignments (exams, reports, etc.)

If the assignment is to be returned, comments will be added. If not, a general review will be given. Questions will be answered as needed.

Course Notes

Sufficient preparation and review of the lectures are recommended. The order of lectures may change. Please note that you will be notified in advance.

Contents of prior and post-learning (preparation and review)

Read through the textbook and handouts, and organize your notes to fully understand the class content.

Evaluation method (including evaluation criteria)

The evaluation will be based on a comprehensive evaluation: 60% for regular examinations, 20% for reports or quizzes, and 20% for class participation (attendance and level of effort).

Textbook

Textbook of Veterinary Nursing, Second Edition, Revised (by Akiko Taniguchi, Farm Press)

Reference books, teaching materials, etc.

Textbook for Pet Nurse (Midori Shobo), Animal Nursing Core Text (Farm Press), "Pet Nurse Curriculum Compliant Textbook Series" (Edward Press)

Course	Practice of	of Veterinary Medic	inal Nursin	ıg II		TANIGUCHI Akiko ARAKAWA Maki MITSUI Kana TOMONO Usasika			
	2nd year	Paguirad 2 anadita			Course				
Course period	Autumn semester	or Elective 2 credits	Class format	lecture	classificat ion	Specialized Education [Basic Specialized Education			
Objectives		L		1					
1. techni	ques related to t	transfusion and bloo	d transfusio	n					
1) To ma	ster the procedu	re for placement of i	ndwelling n	eedles and	l to be able to	prepare and assist with the placement			
2) To be	g needles able to use infu	sion numps and svri	nge numns						
3) To be	able to use find able to manage	animals during trans	sfusion and	blood tran	nsfusion. 2.				
2. Techn	iques related to	microchips							
1) Under	stand the appro	priate insertion site	for microch	ips					
2) Under	stand microchip	p placement procedu	res						
3. biopsy	-1-1	-1	1	1 41 14	-				
$\begin{array}{c} 1) \text{ Io be} \\ 2) \text{ To be} \end{array}$	able to perform	basic holding for ra	and record	the result	IS				
3) Correc	tly handle equi	pment for radiation	protection						
4) To per	form basic hold	ling for ultrasonogra	phy						
5) Recor	d the findings o	f neurological exam	inations						
6) To be	able to assist in	ophthalmologic exa	minations (Schirmer	test, fluoresc	ein test, fundus examination, etc.)			
7) To ass	ist in skin examination	inations (curettage,	stamp exan	nination, c	oat examinat	ion, etc.)			
8) Assist	in the examina	tion of the external a	lucitory can	lal					
Acquire p	ractical skills in	n the knowledge lea	rned in vet	erinary int	ernal medici	ne nursing, including the techniques			
necessary fo	r internal medic	ine practice.		j					
Lesson plan 1 Nursing of animals with infectious diseases: preparation for isolation room entry, choice of disinfectant 2 Nursing care of pregnant animals (signs of pregnancy, care of pregnant animals, care of newborns) 3 Nursing care of older animals (food, excretion, exercise assistance, bedsore care, care of cognitive dysfunction) 4 Nutritional management and feeding methods for sick animals (basics of therapeutic diets, feeding methods) 5 Techniques related to microchipping, urine collection from urinary catheters 6 Techniques related to transfusion and blood transfusion 1) Procedures, preparation and assistance for placement of indwelling needles, spontaneous titration 7) Techniques related to infusion and transfusion 2) Use of infusion pumps and syringe pumps 3) Management of animals during transfusion and blood transfusion 8 Electrocardiography and recording results: ECG measurement, understanding normal waveforms, management of electrocardiographs 9 Basic holding for radiography:Holding during neck, chest, abdomen, and skeletal imaging 10 Equipment for radiation protection: management of protective clothing and radiation exposure monitoring monitors 11 Comprehensive holding methods (ultrasonography holding, holding of large dogs) 12 Recording neurological examination findings (postural responses, spinal reflexes, cranial nerve examination and evaluation recording methods) 13 Assist with ophthalmologic examination (Schirmer test, fluorescein test, fundus examination, etc.)									
Feedback on	n assignments	(exams, reports, etc	:.)	- :4 TC	1				
If the assign	ment is to be ref	turned, comment on	it and retur	n 1t. If not	, a comprehe	nsive review will be given.			
L									

Course Notes

It is advisable to read through the textbook and other relevant materials before participating in the practical training. The order of practical training may be changed, but this will be communicated in advance.

Contents of prior and post-learning (preparation and review)

Read through the textbook and other relevant sections and materials, and organize your notes afterward to ensure a thorough understanding of the material.

Evaluation method (including evaluation criteria)

Participation in practical training: Attendance and commitment to the content of the practical training (60%), report (10%), and practical and written exam (30%). Comprehensive evaluation

Textbook

Textbook of Veterinary Nursing, 2nd edition (written by Akiko Taniguchi, Farm Press), handouts for practical training **Reference books, teaching materials, etc.**

None

Course	Veterinary Surgical Nursing							KIMURA Yuya	
Course Period	3rd year 1st semester	Required subject 2	Class format	lect ure	Cou Classif or	rse ficati 1		Specialized Education	
Objectives on Objectives This course is designed to educate a general introduction to surgery for small animals, particularly dogs and cats. Students will learn systemically about basic knowledge of surgical aspects of pathology and nursing care for the diseases. Procedures for surgical operation including preparation, anesthetic management, intraoperative assistance, postoperative care are also subject to lessen. Lecture Outline In the course, as an introduction to operation, students will first understand about the purpose and importance of surgery. Hygienic preparations for environment and patients, drugs and monitoring methods for anesthesia, sedation, and analgesia will be learned. Next, With lectures on the classifications of trauma and operation, and surgical instruments and equipment, the students acquire the procedures for intra- and postoperative nursing assistance. Finally, emergency care process is studied. Leson Plan 1 1 Introduction 2 Hygiene management (sterilization and disinfection) 3 Preoperative preparation I (hand washing and gown wearing technic) 4 Preoperative preparation I (churionment and patients) 5 Anesthesia and analgesia I (drugs and procedures) 6 Anesthesia and analgesia I (drugs and procedures) 7 Overview of operation I (corthopedic and dental surgery) 8 Overview of operation I (corthopedic and dental surgery)									
To review, s Course Not This course	es is based on func- restanding of the	sson including	g explanations ab	out a	n exerci	ise qui f anim	z will als, s	be provided in the last session. o students are expected to have	
Contents of Prior and Post-learning (preparation and review) Prior-learning: Students should check the contents of the next lesson that an instructor announced. Post-learning: The exercise quiz should be completed, and any unclear points should be attempted to resolve. Evaluation Method (including evaluation criteria) Examination (80%) and attitude toward class (20%)									
Textbook 愛玩動物看護師カリキュラム準拠教科書シリーズ8巻(動物栄養学/動物外科看護学/動物医療コミュニケーション)、Ed: ISHIOKA Katsumi, SANO Tadashi, EDUWARD Press, Tokyo Reference Books, Teaching Materials, etc. Reference books and other materials will be presented in class as necessary.									

Course	Practice	e of Veterinary Nursing	Surgica	1				KIMURA Yuya AKIYAMA Ran		
Course Period	3rd year 1st semester	Required subject 2 credits	Class format	traini ng	Con Class	urse ificati n	Specialized Education			
Objectives	1			1						
This course animals, esp will acquire managemen deal with er	is designed to en becially in the tec knowledge and t. Furthermore, t nergency situation	able students to acc chniques of instrume nursing skills in ane he students will lea ons.	quire practio ents, equip esthesia, seo rn preparat	cal skil ment, d dation, ion and	ls in th isinfe and and l techr	e surgi ction an nalgesia niques f	cal d nd ste a fror for ca	iagnosis and treatment of small erilization. In addition, students n preoperative to postoperative ardiopulmonary resuscitation to		
Lecture Ou Practical tra cats, especi managemen surgical op equipment, work, and c surgical inst	tline ining will enable ially regarding it, anesthesia, sec erations, postop endoscopic equi care of hospitaliz truments, bandag	e students to acquire instruments, equip dation, and analgesi perative care, radia pment, autopsy, em red animals. Practic ging techniques, pre	e practical s ment, disin a. Hands-o ation prote ergency m cing preope paration of	kills in nfection n train ction a edical, erative infusio	surgio n, ster ing wi and pr specia prepar prepar on dev	cal diag ilizatic ll be gi ractice, al surgi ration f ices, an	nosis on, pr ven o spe cal d or su nd sm	s and fundamentals of dogs and reoperative and postoperative on preoperative preparation for cial radiation and ultrasound liseases, and hospital reception urgical procedures, handling of nall animal dentistry.		
Lesson Plan 1 Preoperative preparation 1 (surgical hand washing and disinfection, preparation of surgical drapes) 2 Preoperative preparation 2 (preparation of surgical gown) 3 Preoperative preparation 3 (method of wearing surgical cap, mask, gown and gloves) 4 Preoperative preparation 4 (disinfection of surgical environment and instruments) 5 Preoperative preparation 5 (anesthetics management and assistance for surgical procedures) 6 Preoperative Preparation 6 (tracheal intubation) 7 Medical equipment management (monitoring device, electrocautery, endoscopy, ultrasound equipment, etc 8 Small animal dentistry (charting, dental instruments) 9 Radiation protection and practice 1 (film management, patient positioning for radiography) 10 Radiation protection and practice 2 (interpretation of normal and abnormal radiograms) 11 Postoperative care (dressing and bandaging, dispensing of external medicine) 12 Special surgical diseases (orthopedic diseases, rehabilitation) 13 Emergency medicine (cardiopulmonary resuscitation) / terminal care 14 Personal protective equipment (handling of chemotherapy agent, personal protective equipment) 15 Review Feedback on Assignments (exams, reports, etc.) Explanations will be given aft										
Course Not Attention to	es clothes and safe	e-hygienic behavior	is required	. Be av	vare o	f inforr	natio	n for the course.		
Contents of Prior and Post-learning (preparation and review) Prior learning: Read the pages of the textbook related to the contents of each class session. Post-lesson study: Review the contents of the training materials and practical skills after each class. Evaluation Method (including evaluation criteria) Comprehensive evaluation based on class participation and assignment report (60%), practical test (20%), and writte test (20%).										
Textbook 愛玩動物看 コン) Fd·	護師カリキュラ ISHIOKA Katsur	ム準拠教科書シリ mi SANO Tadashi	ーズ8巻(雪	動物栄)Press	養学/重 Toky	动物外和	科看言	護学/動物医療コミュニケーシ		
Reference F	Rooks, Teaching	Materials etc		, 1 1088,	TORA	,				
Reference b	ooks and other ma	aterials will be prese	ented in clas	s as ne	cessary	/.				

- 173 -

Course	V	eterinary La	aboratory M	edicine	•				OKAZAKI Toshio MIYAI Sayaka
Course Period	2nd year Spring semester	Department of Animal Health Technology Compulsory	Department of Human Animal Relations	Class format	Lecture	Cours Classifica	se ation	S	specialized Education
		subjects 2 credits	Elective 2 credits						
Objectives	vina alinia	al significanas	and numbers of	wataninan	aliniaal	avaminat	ion of		a understanded in this
Interfollowing chinical significance and purpose of veterinary chinical examination can be understanded in this lecture. Basics of veterinary clinical examination: The role of veterinary nurses in veterinary clinical examination; reference value, sensitivity, specificity, quality control; sampling methods of blood urine, feces, mucus, swab, skin tissues. Hematological examination: Serum or plasma separation; CBC method; blood smear preparation and observation methods; hematocrit test; coagulation and fibrinolysis tests; clinical chemistry test; blood gas test; immunological tests. Urinalysis: Morphological test; urinary sediment.									
Stool exami	nation: De	etection of paras	ite eggs and pro	tozoans; c	bservati	on method	1 of ba	icte	r1a.
Cytopatholo	ogical and	histopathologica	al examination:	Significan	ice and r	nethods; s	pecim	en l	handling method.
Genetic exa	mination:	Purpose and sig	nificance; applic	cation exa	mples; c	collection 1	netho	d ar	id processing
In veterinary of pet owners this lecture, to importance o	y clinics, a s are also re the testing f animal cl	variety of tests ar equesting health ex principles, how to inical testing.	e performed to di caminations for the p read and think	agnose and eir animals about test	l treat an to preve data, wil	imal diseas nt diseases l be explain	es. Rea associa ned, an	cent ated nd n	ly, an increasing number with aging and stress. In nake students realize the
Lesson Plan	l	• • • • •	• .• • • • • •	• .•	1.	1 . 1	A T		Teacher in charge
1 Advanc	es of vete	erinary clinical ex	xamination: Util	ization of	online,	robots and	AI		Okazaki T. Okazaki T
3 Blood o	eparation	WBC platelet	i. Seruin & plas	IIIa					Okazaki T. Okazaki T
4 Biocher	mical exa	mination: Protein	ıs						Okazaki T.
5 Biocher	mical exa	mination: Blood	sugar, enzyme						Okazaki T.
6 Coagula	ation / fib	rinolysis test: PT	, APTT, FDP						Okazaki T.
7 Blood t	ype, blood	d transfusion test	t: Crossmatch te	st					Okazaki T.
8 Biocher	mical urin	alysis: Albumin,	Hb						Miyai S.
9 Morpho	ological u	rinalysis: urinary	sediment						Miyai S.
10 Fecal ex	xaminatio	n: Direct smearing	ng method, egg	collection	method				Miyai S.
11 Microb	iological (examination: Ba	cteria						Miyai S.
12 Microb	thelegy &	Examination: Fui	ngi, viruses	Spacimo	a handli	na stoinin	a mati	bod	Miyai S. Miyoi S
13 Cytopa 14 Skin an	d ear wax	examination	ai examination.	specifie	1 Hanum	ing, stannin	g meu	lou	Miyai S.
15 Summa	rv. Genet	ic test blood gas	test						Miyai S.
Feedback of	n Assignn	ients (exams, rep	oorts, etc.)						
Each time, a quiz will be given on the content of the previous class, and each student will grade the answers to self-evaluate their level of achievement. The answer sheet for the quiz will be collected on the day, and the overall level of achievement will be announced next time.									
Course Not	es	1 1 .		.1.1.	(1	• 1	.1	1.	
Students si	nould have	e a good underst	anding of essent	1al subjec	ts such a	is animal p	onysio	log	y and biochemistry.
Contents of Prior and Post-learning (preparation and review) Read the reference books related to the contents of each class in advance.									
Evaluation	Method (i	ncluding evalua	tion criteria)						•
Students w will be 80%	ill be eval for examin	uated comprehen nations or reports	sively based on and 20% for cla	exams, an ss particip	d class pation (in	participatio	n (inc izzes).	ludi	ng quizzes). The ration
Textbook	anint)								
Reference B	print).	ching Matarials	etc						
Reference Books, Teaching Materials, etc. ・動物看護学教育標準カリキュラム準拠「動物臨床検査」、インターズー ・臨床検査学講座(血液検査学、臨床化学検査学、免疫検査学、微生物学/臨床微生物学、臨床検査総論)、 医歯薬出版									

Course	Practi	ce of Veterin	ary Laborat	ory Me	dicine				OKAZAKITosh io MIYAI Sayaka		
Course	2nd year Spring	Department of Animal Health Technology	Department of Human Animal Relations	Class	Training	Con	irse	Spee	Specialized Education		
Period	semester	Compulsory subjects 2 credits	Elective 2 credits	Iormat		Classii	ication	-			
Objectiv	es										
While	understand	ding the clinical	significance, the	e followii	ng animal	clinical	tests ca	an be j	performed: Sample		
collectio	n and proc	cessing; operation	of micropipettes	s and cent	rifuges; se	paratior	n of plasi	ma and	serum; preparation		
of blood	smear and	d staining; calcula	tion of the perce	entage of	leukocytes	s by obs	erving th	ne bloo	d smear; blood cell		
count an	d clinical	chemistry tests;	simple serologi	cal test;	urinalysis	like as	confirm	ation of	of physicochemical		
propertie	es of urine	; observation and	classification of	f urinary s	sediment;	detectio	n of para	asite eg	ggs and protozoans;		
preparati	on and as	sistance for cytop	athology.								
Lecture	Outline										
Hands-	on training	g will be given on	how to collect a	nd preserv	ve various	materia	ls such a	s blood	l, urine, feces, bone		
marrow,	skin, ear	wax, vaginal wax	, reservoir fluid,	etc., how	to prepar	e sampl	es, how	to test	them, and students		
will be a	ble to stud	ly the clinical sign	nificance of the t	est result	s comparir	ng with	reference	e value	s.		
Lesson F	lan							Т	eacher in charge		
1 Han	dling and	operation of anim	al clinical labora	atory equi	ipment and	d instrur	nents	0	kazaki T., Miyai S.		
2 Mor	phologica	l examination of l	blood: Preparatio	on of sme	ar and stai	ning		O	kazaki T., Miyai S.		
3 Mor	phologica	l examination of l	blood: Observati	on and cl	assificatio	n of blo	od cell	0	kazaki T., Miyai S.		
4 Mor	phologica	l examination: Ca	lculation of bloc	od cell co	unt by cale	culation	board	0	kazaki T., Miyai S.		
5 Plas	ma / serur	n separation and h	nemoglobin conc	centration	test			0	kazaki T., Miyai S.		
6 Prot	ein concei	ntration and lipid	concentration tes	st				0	kazaki T., Miyai S.		
7 Prot	ein and lip	poprotein fraction	ation					0	kazaki T., Miyai S.		
8 Mor	phologica	l examination in u	urine and feces					0	kazaki T., Miyai S.		
9 Bio	hemical e	examination in uri	ne and feces					0	kazaki T., Miyai S.		
10 Skir	and ear v	vax examination						0	kazaki T., Miyai S.		
11 Chro	omosome	test and DNA ext	raction					0	kazaki T., Miyai S.		
12 Elec	trophores	is of DNA, Immu	nological tests: I	Preparatio	on of gel pl	late		0	kazaki T., Miyai S.		
13 Imm	unologica	al tests: Double di	ffusion method a	and ELIS.	A method			0	kazaki T., Miyai S.		
14 Imm	unologica	al tests: Blood typ	ing and crossma	tch test				0	kazaki T., Miyai S.		
15 CBC and biochemical tests in clinical practice							kazaki T., Miyai S.				
Feedback on Assignments (exams, reports, etc.)											
As feed	back, assi	gnment reports w	ill be given each	time to c	heck for c	ompleti	on and v	vill be	collected at the end		
of the un	it and che	cked by the perso	n in charge of th	e practica	al training.	1					
Course N	Notes	2 1	0	1	0						
The cli	nical signi	ficance and techni	iques of each tes	t should b	e confirm	ed in ad	vance be	fore th	e practical training.		
Contents	s of Prior a	and Post-learning	$\frac{1}{(preparation a)}$	nd review)				1 0		
Read an	d understa	and the procedures	in the lab manua	l in advan	ce of each	session.					
Each time	e, a report i	related to the practi	cal training will b	be assigne	d, which is	to be con	mpleted a	and sub	mitted the following		
week.		1	C	e			1		0		
Evaluati	on Metho	d (including evalu	ation criteria)								
Attenda	nce at the	practical training	is required in prin	nciple, and	d the overa	ll evalua	ation wil	l be ba	sed on the degree of		
participat	tion in the	e practical training	g report (25%),	the comp	leteness of	f the tra	ining ta	sk (50°	%), and the written		
examinat	ion (25%).	•	_				-				
Textbool	ζ										
None (u	se print).										
Reference	e Books,	Feaching Materia	ls, etc.								
・動物看 ・臨床#	・動物看護学教育標準カリキュラム準拠「動物臨床検査」、インターズー ・臨床検査学講座(血液検査学 臨床化学検査学 魚応検査学 微生物学/臨床微生物学 臨床検索公論)										
医歯薬	些。 [1] [1] [1] [1] [1] [1] [1] [1] [1] [1]										

Т

ſ

٦

Course	Zoonosis							UCHIDA Akibika
								OCTIDA AKIIIKO
Course period	3 rd year, Autumn semester	Required subject 2 credits	Class format	lecture	Co class i	urse sificat on		pecialized Education [Basic Specialized Education
Objectives								
Zoonoses	are thought to	have existed as long	g as human	history, e	speci	ally in	recei	nt years as our relationship with
industrial ar	imals, compani	ion animals, and wil	d animals l	have deep	ened,	and w	/ith it	t, the opportunities to come into
contact with	h pathogens ca	urried by animals h	ave also in	ncreased.	The	course	e aim	is to provide students with an
and to deep	ng of the etiolog	gy, epidemiology, dia	agnosis, trea	aument, ar	ia pre	venuo		each of these infectious diseases,
Lecture out	line	inding so that they ea	an cope wh	li outorcar	10.			
In the ger	eral review, the	definition, types, an	d epidemio	logy of hu	man-	animal	infec	ctious diseases will be studied, as
well as eme	rging and re-en	erging infectious di	seases that	are becon	ning a	conce	ern du	to environmental changes and
globalizatio	n. In each topic,	the course will cove	er etiology,	modes of	infect	ion, er	oidem	iology, diagnosis, treatment, and
prevention	of human-anim	al infectious disease	es caused b	by viruses	s, rick	cettsia,	bact	eria, fungi, parasites (protozoa,
helminths, a	and helminths),	and prions. The lect	ure will als	o cover th	ne syr	nptoms	s and	prevention of human as well as
animal infections from a medical point of view.								
Lesson plan								
1 General introduction: definitions, types and emerging and re-emerging infectious diseases common to humans								
and ani	mals							
2 Virus	es: rabies (video	o), hantavirus infectio	on, B virus	infection,	etc.			
3 Virus	es: Japanese end	cephalitis, yellow fev	ver, zoonotio	c influenz	a, We	st Nile	feve	r, etc.
1 Viruses: Ebola homorrhagia favor (video) Honatitis E virus, etc.								

4 Viruses: Ebola hemorrhagic fever (video), Hepatitis E virus, etc.

5 Viruses: Marburg disease, Lassa fever, SARS, MERS, prion disease, etc.

6 Bacteria: anthrax, plague, tuberculosis, Pasteurellosis, salmonellosis, etc.

7 Bacteria: Campylobacteriosis, Leptospirosis, Lyme disease, Swine erysipelas, etc.

8 Bacteria: rat-bite disease, hare disease, brucellosis, etc.

9 Fungi, rickettsia, etc.: tsutsugamushi disease, parrot fever, cat scratch disease, cryptococcosis, aspergillosis, etc.

10 Protozoan parasites: toxoplasmosis, trypanosomiasis, leishmaniasis, etc.

11 Nematodes: toxocaraemia, Guangdong resident nematodes, canine filariasis, etc.

12 Insects: pulmonary aspiration sickness, Yokogawa aspiration sickness, schistosomiasis, etc.

13 Cordyceps: echinococcosis, hooked and hooked tapeworm disease, solitary Schistosomiasis mansoni, etc.

14 Hygienic animals transmitting human-animal infectious diseases: mosquitoes, fleas, ticks, etc.

15 Quarantine, inspection, and outbreak countermeasures and notification of human-animal infectious diseases

Feedback on assignments (exams, reports, etc.)

In principle, examination answer sheets will not be returned but will be made available for questions. Reports will be treated in the same way as to answer sheets but will be returned if necessary.

Course Notes

Parasitology and microbiology should be taken for easier understanding.

Contents of prior and post-learning (preparation and review)

Basically, materials (printouts, etc.) related to the class are disclosed several days before the lecture, so students are required to prepare for the lecture and make notes based on the materials and the textbook for review.

Evaluation method (including evaluation criteria)

Evaluation will be based on class participation (30%) report submission (20%) and final exam (50%). **Textbook**

Textbook

Basic Specialty Areas Animal Microbiology and Animal Infectious Diseases; materials will be distributed as needed.

Reference books, teaching materials, etc.

Zoonosis by Kamiyama, JINJIN SHOKAN

Okabe, B. A book to protect yourself from infectious diseases KAWADE Yume Shinsho

Course		Public Health	l					Fukiko UEDA	
Course Period	2nd year, 2nd semester	Required subject 2 credits	Class format	lectu re	Cours Classific on	e cati		Specialized Subjects	
Objectives									
1. Overview of public health : To understand 1) the purpose of public health, 2) the public health administration,									
 3) the trends in public health, 4) the relationship between One Health and veterinary medicine. 2. Epidemiology and disease prevention: To understand 1) the formation of infection, 2) the causes of disease and health problems, 3) the methods of epidemiological investigation, 4) preventive epidemiology, 5) zoonosis and its control, 6) rabies prevention. 									
3. Environ	nental hygiene:	To understand 1) the	he history,	backgr	ound and	cui	rrent	problems of environmental	
hygiene,	2) the health haz	ards caused by cher	mical subst	ances,	3) the co	ntar	ninat	ion and damage caused by	
radiation,	4) the damage c	caused to humans an	nd animals	by san	itary anin	nals	and	the measures to be taken, 5)	
the health	hazards to hum	ans caused by anim	al bites, 6)	the has	ndling of	wa	ste m	laterials.	
4. Food nyg	giene: 10 unders	tand 1) about 1000	nygiene and		poisoning	g , <i>Z</i>) the	hygiene of animal products, 3)	
L octuro Ou	id 1000 hygiene i	management metho	us (e.g. hA	ICCP).					
Learn about	environmental	and food hygiene	nidemiolog	w and	zoonosis	and	dung	lerstand their application to the	
maintenance	e and promotion	of human health an	d disease p	revent	ion.	an	u unc	terstand then application to the	
Lesson Plan	n	or mannan neurin un	ia ansease p	10 / 0110					
1 Introdu	ction to public	health (history in	food hygi	ene, z	oonosis	and	env	ironmental hygiene, trends in	
¹ nationa	national health)								
2 Introdu	2 Introduction to animal hygiene (difference between public health and animal hygiene, history and current								
Status o History	status of animal hygiene) History of relationship between public bealth and animals (disease animal protection animal welfare								
3 animal-	3 animal-assisted therapy)								
4 Epidem frequen	iology and Discy of occurrence	ease Prevention I e, distribution, relev	(classificativant information)	ion of ation, e	epidemietc.)	olog	gy, e	pidemiological characteristics;	
5 Epidem	iology and Dise	ase Prevention II (I	Epidemic a	nd Prev	vention, I	nfe	ctiou	s and Non-Infectious Diseases,	
6 Food h	vgiene (HACCP.	hazards, food addi	tives and sa	afety, s	anitary p	ests	. san	itary animals)	
7 Food-b	orne illnesses I (food poisoning, foo	od- and wate	er-borr	ne infectio	ons,	aller	rgies)	
8 Foodbo	rne illnesses II (poisoning by chemi	ical substan	ces; in	tentional	and	l unii	ntentional contamination)	
9 Food h	ygiene IV (pestic	cide residues, feed a	idditive and	l therap	peutic age	ent 1	residu	ues, positive list system)	
10 Enviror	mental Health I	(History and current (History and current)	nt status of	global	environn	nent	tal 189 ntol	sues)	
11 pollutic	ons)	II (HIStory and Cur	tent status	01 1002		me	mai	problems (ponution), typical 7	
12 Enviror	mental Health I	II (sanitation of wat	ter and was	tewate	r, air and	soil	l poll	ution)	
13 Enviror	nmental Health I	V (waste, radioactiv	ve contamir	nation,	other issu	ues))		
14 Relevan	nt Laws and Reg	ulations I (Adminis	strative law	s and r	egulation	is re	elated	l to veterinary medicine, public	
health,	animal hygiene,	pharmaceutical affa	airs, and the	e envir	onment)				
15 Recent	trends and issue	s in public health (e	e.g., drug-re	sistant	bacteria				
Feedback o	n Assignments	(exams, reports, et	t c.)						
Summarize	the scoring and o	communicate the pr	roblem.						
Write down	the points and n	otos of the lecture h	whending	notab	ook				
Contents of	Prior and Post	lotes of the fecture t	y halle in a		<u>00K.</u>				
Students are	e expected to pr	epare an outline of	f the conter	t usin	g kevwoi	ds	befor	re the lecture and organize the	
points.	r r r r r r r r r r r r r r r r r r r	1			J - J 5				
Evaluation	Method (includ	ling evaluation cri	teria)	,					
Evaluation	will be based on	final examinations	50% and cl	ass pai	rticipation	n 50)%.		
Textbook	<u></u>	-) VH: Ltn +1/ ~1 +1	<u> </u>	<u>м</u> .					
変坑動物着	変現動物有 設明 ルリイユノム 準拠教 付音 ンリーム 3 容								

公衆衛生学/動物看護連法規/動物愛護・適正飼養関連法規 一般社団法人 日本動物保健看護系大学協会 カリキュラム委員会編、Eduward Press ISBN 978-4-86671-159-1 (in Japanese) Reference Books, Teaching Materials, etc.

Cou	rse	Veterinary Infectious Diseases I						Akihiko UCHIDA		
Cou Peri	rse od	2nd grade /Prophase	Required subjects/2 units	Class format	lecture	Course Classificati on		Professional education [specialized basics]		
Obje	ectives				1	-		1		
Para	site clas	sification and cha	aracteristics							
The classification, morphology, life cycle, pathogenicity, the testing, diagnostic methods and how to use anthelmintics										
and pesticides for parasitic diseases of protozoans, helminths and sanitary animals.										
Lecture Outline										
Lear	n about	parasite classific	cation, biological ch	aracteristi	cs, trans	mission	patte	rns a	nd pathogenic mechanisms, and	
unde	erstand t	he basics of infec	tious disease control	l such as te	esting an	d diagno	sis, h	ygie	ne management, and prevention /	
treat	ment me	ethods.								
Less	on Plan	l								
1	General	(1) (A parasite is	s a relationship betw	een a para	site and	a host, a	nd the	e life	cycle of the parasite)	
2	General	(2) (parasite trar	smission route, loca	lity and di	isease ac	tion and	imm	unity)	
3	Overvie	w of protozoans								
4	Protozoans (Trypanosoma, Toxoplasma, Giardia, Amoeba, Trichomonas, etc.)									
5	Overview of helminths									
6	Tremato	oda (review, liver	flukes, lung flukes,	schistosor	niasis, et	c.)				
7	Cestoda	ı (review, Taenia,	Echinococcus, Diph	yllobothri	um)					
8	Nemato	da (review, round	lworms, whipworms	, hookwoi	rms, filar	ia, etc.)				
9	9 Parasites of dogs and cats (Babesia, roundworm of dog cat, dipylidium caninum, heartworm, etc.)									
10	Parasite	s of pets such as	rabbits and exotic ar	nimals						
11	Zoonosi	is (cryptosporidiu	ım, amebiasis, larva	migrans, t	apeworn	ns, scabi	es, et	c.)		
12	Sanitary	animals (mosqu	itoes, flies, fleas, lic	e, etc.)						
13	Sanitary	animals (mites,	mice)							
14	Diagnos	sis of parasitosis								
15	Epidem	iology and contro	ol of parasitosis							
Feed	lback o	n Assignments (exams, reports, etc.)						
In pr	inciple,	the answer sheet	for the exam will not	be return	ed, but qu	uestions	will t	e an	swered. The report will be treated	
in th	e same v	way as the answe	r sheet, but will be r	eturned as	needed.					
Cour	rse Note	S								
Sinc	e there a	are basic contents	, it is easier to under	stand the	lecture if	you stu	dy bio	ology	y, biochemistry, immunology, e	
Contents of Prior and Post-learning (preparation and review)										
Sinc	e the co	ntent of the lectur	e on the day is show	n on the s	yllabus,	be sure t	o pre	pare	for the lesson and make a note of	
the r	the review after the lecture.									
Evaluation Method (including evaluation criteria)										
Evaluation based on participation in class (30%) and grades on regular exams at the end of the semester (70%).										
Textbook										
Japan Animal Health and Nursing University Association Curriculum Committee, Supervised by Fumiko Ono, Animal										
Infectious Sciences, Interzoo										

Reference Books, Teaching Materials, etc.

Akihiko Uchida / Ken Huang Hong Illustrated Veterinary Parasitology Revised 3rd Edition (CD-ROM for Mac / Win) Medica Gloves
Course	Sma	all animal nutr	ition		SAKANE hiroshi ARAKAWA maki								
Course Period	2nd year/ 1st semester	Required subject 2 credits	Class format	lectur e	Course Classifica on	e ati Specialized Education							
Objectives	1			i	•==	i							
1. Basic nut	rition												
1) To under	stand the five nu	trients (carbohydrat	es, protein	s, fats,	vitamins,	and minerals)							
2) To under	stand the nutritic	onal requirements' d	lifferences	betwee	en dogs an	d cats (essential amino acids, essential							
fatty acids,	etc.)	_			-								
3) To under	stand eating habi	its, tastes/palatabilit	y, preferen	ces, an	d eating b	ehavior.							
4) To under	stand the import	ance of nutrition in	maintainin	g healt	h.								
5) To under	stand health issu	es caused by nutrier	nts' deficie	ncies a	nd excesse	es.							
2. Nutrient	requirements												
1) Understa	nd the meaning of	of energy requireme	ents (RER,	MER,	etc.) and h	low to calculate them.							
2) To under (2) To under	2) To understand the nutrition standards (AAFCO, NRC, etc.)												
3) To understand the nutritional management for each life stage (growth, maintenance, pregnancy, lactation, and													
3 Commerc	ial pet foods and	nutritional guidanc	e										
1) To under	stand the types a	nd classifications of	f pet foods										
2) To under	stand the labelin	g regulations of pet	foods and	be able	e to explain	n it to pet owners.							
3) To be abl	e to explain pet	owners about food p	poisoning,	and foo	ods should	be avoided.							
4) To under	stand methods for	or assessing nutrition	nal status (BCS, t	ody mass	index, MCS, etc.)							
5) To under	stand the health	issues caused by ob	esity, and h	now to	create a w	eight loss program							
4. Diseases	and nutrition												
1) To under	stand dietary ma	nagement for variou	is diseases										
2) Understa	nd the characteri	stics and efficacy of	f therapeut	ic diets	s and expla	in them to pet owners.							
5. Force-fee	ding and tube/in	travenous feeding	1	. 1.0	C C	1.							
1) 10 under (2) To under	stand the method	is and important poi	ints to be n	oted IC	or force-fee	eding.							
2) 10 under	stand the types	of tube feeding (na	isar, esopri	ageai,	gastroston	ly tube, etc.), their characteristics and							
3) Understa	nd the types of i	ntravenous nutrition	TPN PP	N) the	ir characte	ristics and methods							
4) Understa	and the procedu	res for placing tub	es and car	theters	and the	important points to be noted in their							
managemen	it and the procedu	tes for placing tub	es une eu	lineters	und the	important points to be noted in them							
Lecture Ou	tline												
In addition	to learning bas	ic nutrition such a	s the five	nutrie	nts (carbo	hydrates, fats, proteins, vitamins and							
minerals) an	nd their metaboli	ism, students will le	earn the dif	fference	es in dieta	ry management for each life stage and							
disease, and	disease, and the characteristics and feeding methods of various commercially available therapeutic diets.												
Lesson Plan	l Lintro du sti sur (1-	atomy of facility 1-		- i	mtonce of	nutrition in maintaining hastyle							
1 Genera 2 Nutrion	i introduction (h)	tions: ourbohydroto	gs and cat	s, impo	orrance of a	nuuruon in maintaining nealth)							
2 Nutrien	us and their func	tions: fat and fatty	s (sugars a	nu ulet tional 1	inids								
4 Nutrien	its and their func	tions: proteins and	amino acid	s	ihing								
_ Nutrien	its and their fun	ctions: fat-soluble	vitamins a	nd wa	ter-soluble	vitamins, differences in requirement							
5 between	n species					,							
6 Nutrien	its and their func	tions; minerals											
7 Dietary	6 Nutrients and their functions; minerals7 Dietary habits and eating behaviors, tastes/palatability and preferences of cats and dogs												

- 8 Energy requirements of dogs and cats, calculation of feeding amounts, methods of assessing nutritional status, water and its requirements
- 9 Adverse effects of over-weight, obesity-related disorders, plan weight reduction program
- 10 Life stage and nutrition; reproduction (pregnant and nursing), growth, maintenance and elderly dogs and cats.
- Nutritional guidance and pet food; category and variety of pet foods, regulations about labels of pet foods and 11 stordered of seal standard of each nutrient.
- 12 Nutritional guidance and pet food; safety assurance and foods should not be fed to dogs and cats, food poisoning and adverse reaction to foods.
- 13 Disease and nutrition; therapeutic food

- 14 Force-feeding; Feeding methods to animals with anorexia, differences between simple starvation and starvation with stress
- 15 Enteral feeding and per-enteral feeding or intravenous feeding, re-feeding syndrome

Feedback on Assignments (exams, reports, etc.)

This course will have a test at the regular examination timing. Feedbacks to students will be performed directly by reporting the results of the exam. If some students fail to achieve the prescribed grade, they will be requested to take test again to reach the grade, and/or make a report about a certain subject.

Course Notes

Since nutrition science is based on biochemistry, it is more preferable to take "animal biochemistry" to understand nutrition though, this course can provide students with sufficient information about the subject.

Contents of Prior and Post-learning (preparation and review)

Students should read textbook before and after each class.

Prior study: Read the textbook carefully in advance and confirm its contents.

After class: Read the textbook again and ask questions if you have any. In some cases, a quiz will be given.

Evaluation Method (including evaluation criteria)

The overall evaluation will be based on exams (70%) and class participation including quizzes (30%). When online classes are mixed in, the percentage will be determined and evaluated by taking into account the attendance and performance on the quiz in addition to the classroom exam.

Textbook

愛玩動物看護師カリキュラム準拠教科書 8 巻 動物栄養学/動物外科看護学/動物医療コミュニケーション

(日本動物保健看護系大学協会)カリキュラム委員会編)エデュワードプレス

Reference Books, Teaching Materials, etc.

「ベーシック 小動物栄養学」 阿部又信・大島誠之助著 ファームプレス(2019) 978-4-86382-105-7

Course Period 2nd year 2nd semester Required subject 2 credits Class format Lecture Course Classificati on Specialized Education Objectives The goal of this class is for students to grasp the changing "human-animal relationship" from multiple and comprehensive perspectives and be able to envision, propose, and explain desirable human-animal relationship, Specifically, students will be able to (1) explain the human-animal relationship, (2) discuss the desirable human- animal relationship, and (3) explain the social responsibility and sense of ethics that humans should have toward animals. Lecture Outline Amidst the recent "pet boom," the way we look at animals such as dogs and cats has changed from the traditional "pets" to "companion animals" that are essential members of the family. This course aims to provide students with a deep understanding of how human-animal relationship affect human life quality and enable them to envision desirable human-animal relationship. The lectures will focus on essential and up-to-date topics related to human- animal relationships. Lesson Plan 1 1 What is "human-animal relationship studies"? 2 Pets in the society: Pet ownership status 3 The elderly and animals [Notice of mini-task 1] 4 Children and animals 5 An attempt at animal assisted education 6 Assistance dogs for the physically challenged (1): Guide dogs for the blind [Notice of mini-task 2] 7 <th>Course</th> <th>Hur</th> <th>nan-Animal Intera</th> <th>ction</th> <th></th> <th></th> <th></th> <th></th> <th>ANDO Takatoshi</th>	Course	Hur	nan-Animal Intera	ction					ANDO Takatoshi					
Objectives The goal of this class is for students to grasp the changing "human-animal relationship" from multiple and comprehensive perspectives and be able to envision, propose, and explain desirable human-animal relationship. Specifically, students will be able to (1) explain the human-animal relationship, (2) discuss the desirable human-animal relationship, and (3) explain the social responsibility and sense of ethics that humans should have toward animals. Lecture Outline	Course Period	2nd year 2nd semester	Required subject 2 credits	Class format	Lecture	Cour Classif on	ificati Specialized Education							
 Amidst the recent "pet boom," the way we look at animals such as dogs and cats has changed from the traditional "pets" to "companion animals" that are essential members of the family. This course aims to provide students with a deep understanding of how human-animal relationship affect human life quality and enable them to envision desirable human-animal relationship. The lectures will focus on essential and up-to-date topics related to human-animal relationships. Lesson Plan What is "human-animal relationship studies"? Pets in the society: Pet ownership status The elderly and animals [Notice of mini-task 1] Children and animals An attempt at animal assisted education Assistance dogs for the physically challenged (1): Guide dogs for the blind [Notice of mini-task 2] A new approach in zoos: Behavioral exhibits Cost of keeping pets Housing to live with pets: For apartment buildings [Notice of mini-task 3] 	Objectives The goal of this class is for students to grasp the changing "human-animal relationship" from multiple and comprehensive perspectives and be able to envision, propose, and explain desirable human-animal relationship. Specifically, students will be able to (1) explain the human-animal relationship, (2) discuss the desirable human-animal relationship, and (3) explain the social responsibility and sense of ethics that humans should have toward animals. Lecture Outline A midet the recent "net beam " the way we look at animals such as dogs and cats has changed from the traditional													
 Lesson Plan What is "human-animal relationship studies"? Pets in the society: Pet ownership status The elderly and animals [Notice of mini-task 1] Children and animals An attempt at animal assisted education Assistance dogs for the physically challenged (1): Guide dogs for the blind [Notice of mini-task 2] A new approach in zoos: Behavioral exhibits Cost of keeping pets Housing to live with pets: For apartment buildings [Notice of mini-task 3] 	Amidst the recent "pet boom," the way we look at animals such as dogs and cats has changed from the traditional "pets" to "companion animals" that are essential members of the family. This course aims to provide students with a deep understanding of how human-animal relationship affect human life quality and enable them to envision desirable human-animal relationship. The lectures will focus on essential and up-to-date topics related to human-animal relationships.													
 11 Assistance dogs for the physically challenged (2): Service dogs and hearing dogs [Notice of semester report] 12 Pet loss and how to deal with it 13 The Japanese perspectives on animal 14 Research trends in human-animal relationship studies 15 Summary Feedback on Assignments (exams, reports, etc.) 	1 What is 2 Pets in 3 The eld 4 Childre 5 An atte 6 Assista 7 A new 8 Cost of 9 Housin 10 Commu 11 Assista 12 Pet loss 13 The Jap 14 Researd 15 Summa	Lesson Plan 1 What is "human-animal relationship studies"? 2 Pets in the society: Pet ownership status 3 The elderly and animals [Notice of mini-task 1] 4 Children and animals 5 An attempt at animal assisted education 6 Assistance dogs for the physically challenged (1): Guide dogs for the blind [Notice of mini-task 2] 7 A new approach in zoos: Behavioral exhibits 8 Cost of keeping pets 9 Housing to live with pets: For apartment buildings [Notice of mini-task 3] 10 Community cat initiatives 11 Assistance dogs for the physically challenged (2): Service dogs and hearing dogs [Notice of semester report] 12 Pet loss and how to deal with it 13 The Japanese perspectives on animal 14 Research trends in human-animal relationship studies 15 Summary												
Questions about class content will be answered in the next class. Course Notes	Question Course Not	s about class con	tent will be answer	ed in the 1	next clas	S.								
The class will be conducted using a variety of materials (including video materials). Students will be asked to submit comments and questions on the lectures and materials each time. Contents of Prior and Post-learning (preparation and review) Please read the textbook and check related websites in advance to understand the themes of the class. Students should research and organize the essential keywords explained in class, including any additional information. Evaluation Method (including evaluation criteria) Grades will be based on a distribution of 50% for comments and questions submitted each time, 30% for 3 minitasks, and 20% for semester report. Textbook 安藤孝敏・種市康太郎・金児恵 (訳)『ペットと生きる-ペットと人の心理学-(Pets and people: The psychology of pet ownership)』北大路書房 (2006) Reference Books, Teaching Materials, etc. 桜井富士朗・長田久雄 (編)『「人と動物の関係」の学び方』インターズー (2003)	The class submit com Contents of Please rea Students information Evaluation Grades w tasks, and 2 Textbook 安藤孝敏・和 of pet owne Reference F 桜井富士朗	will be conduct ments and questi Prior and Post-I ad the textbook a should research Method (includin ill be based on a 0% for semester 重市康太郎・金児 rship)』北大路 Books, Teaching (編	ed using a variety of ons on the lectures learning (preparation and check related we and organize the mg evaluation criter distribution of 50% report. 記恵(訳)『ペットと 書房 (2006) Materials, etc.	of materia and mate on and re ebsites in essential ria) for comr 生きるー	uls (inclu rials eac view) advance keywor nents an ペットと	uding vi h time. e to und ds expl d questi こ人の心	ideo n lerstan lained ions si	ad the in c ubmi (P	ials). Students will be asked to e themes of the class. class, including any additional tted each time, 30% for 3 mini- ets and people: The psychology 003)					

Course		Social Welfare	e			YAMAKAWA Itsuko					
Course period	3 rd year, Spring semester	Elective 2 credits	Class format	lecture	Course classificat ion	Specialized Education					
Objectives											
To learn a	about the divers	se needs of modern s	ociety and	understand	d how our d	aily lives are related to social welfare.					
In an aging so	ociety with a de	clining birthrate, the	relationship	between	humans and	animals has become closer, and while					
companion a	nimals provide	various benefits, pro	blems invo	lving both	n humans ai	nd animals occur frequently in various					
aspects of soc	aspects of society. The goal of this course is to understand what is needed to solve these problems from the viewpoint of										
Veterinary Sc	Veterinary Social Work and to aim for One Welfare, a society where people and animals live together in harmony.										
Lecture outli	ine										
Based on the philosophy, history, and basic concepts of social welfare, understand how our daily lives are connected											
to social welfare. To consider the role of animals in the stages of human life and the function of animals from the aspect											
of welfare in today's aging society with a declining birthrate. To learn what is needed to build a society where human											
welfare and animal welfare coexist and where people and animals can live together in harmony.											
Lesson plan											
1 Orienta	ation: Class out	tline, etc., What is so	cial welfar	e?							
2 Basic (Concepts of So	cial Welfare and Soc	ial Security	7							
3 Child a	and Family Wel	lfare and Backgroun	d								
4 Child a	4 Child and Family Welfare and Issues										
5 Elderly	5 Elderly Welfare and Background										
6 Elderly	6 Elderly Welfare and Issues										
7 Backgr	round and Back	kground of Welfare f	or Persons	with Disal	bilities						
8 Welfar	e of the Disable	ed and Challenges									
9 Social	Work and Vete	rinary Social Work (Animal Me	dical Soci	ial Work)						
10 Veter	inary Social We	ork (1) Animal Assis	ted Interver	ntion (Ani	mal Therap	y)					
11 Veter	inary Social Wo	ork 2 Animal Relate	ed Grief and	d Bereaver	ment (Pet L	oss)					
12 Anim	al Medical Soc	cial Work (3) The Lin	nk between	Human ar	nd Animal V	Violence					
		(The Link	k between H	Iuman and	l Animal Vi	olence)					
13 Anim	al Health Socia	al Work (4) Compass	sion Fatigue	and Conf	lict Manage	ement					
		(Compass	sion Fatigue	e and Conf	flict Manag	ement)					
14 Anim	al Health Socia	al Work (5) Animal H	Hoarding, S	ocial Acce	eptance of A	ssistance Dog Users					
15 Class	summary: Hur	nan-animal symbiot	ic society, C	One Welfa	re, Summar	y test					
Feedback on	assignments ((exams, reports, etc	.)								
As feedback,	comment on in	n-class reaction pape	rs and report	rts.							
		1 1	1								
Course Note	S										
Students a	re expected to	participate actively	in class, ind	cluding in	discussion	s. Students will be required to write a					
reaction pape	er for each class	s, so they should be a	able to expre	ess their o	wn opinion	s about the class content in writing.					
			1		1	C					
Contents of prior and post-learning (preparation and review)											
As a pre-class, students will gather information on the topic of each class.											
As a post-class, a reaction paper or report will be submitted for each class.											
Evaluation n	Evaluation method (including evaluation criteria)										
Overall evalu	ation based on	class participation (40%), in-cla	ass assign	ments (30%), and a summary test (30%)					
Textbook		rr	,		(2 . / 0	,,					
None	None										
Reference bo	ooks, teaching	materials, etc.									

『よくわかる社会福祉第 11 版』ミネルヴァ書房

『知りたい!考えてみたい!どうぶつとの暮らし』駿河台出版

Course	Cl	inical Psycholo	ogy					KATO Rie					
Course Period	3rd year Spring semesterr	Department of Human Animal Relations Elective 2 credits	Class format	lectu re	Cor Class	urse ificati on	ti Specialized Education [Specialized Subjects]						
Objectives													
This course anxiety disc people expe problems ar care of their	anxiety disorders, Hikikomori, eating disorders, etc. Students will learn about various psychological problems that people experience in their lives. In addition, the course aims to deepen students' understanding of how to solve problems and what kind of care is needed in such situations, and to help them acquire the attitude necessary to take care of their own minds and those of others close to them, as well as the knowledge to deal with stress effectively.												
Lecture Ou	tline						0						
Lecture Outline In this lecture, we will take up typical psychopathology, emotional disorders, anxiety disorders, developmental disorders, schizophrenia, etc. as psychological problems in modern adolescence, and discuss various mental problems that humans experience in their lives. Furthermore groups and individuals will conduct research and presentations to deepen their understanding of how to solve problems and what kind of care is required.													
Lesson Plan	1												
 Support What is Present Present Present Issues a Issues a Issues a Present Present Issues a Issues a Present Issues a Support Issues a Issues a Issues a Support Issues a 	 Supporting the Human Mind - What is Clinical Psychology? What is Mental Health, Abnormal and Normal? Presentation and discussion on psychological issues and pathologies I: Developmental disorders Presentation and discussion on psychological issues and pathologies II: Mood disorders Presentation and discussion on psychological issues and pathologies III: Crisis intervention Issues and Pathologies of the Mind: Worldviews of Personality Disorders in Adolescence and Young Adulthood I Issues and Pathologies of the Mind: Worldviews of Personality Disorders in Adolescence and Young Adulthood I Presentation and discussion on psychological issues and pathologies IV: Various personality disorders Presentation and discussion on psychological issues and pathology V: Schizophrenia Issues and Pathologies of the Mind: Worldview in Schizophrenia I Issues and Pathologies of the Mind: Worldview in Schizophrenia I Presentation and discussion of psychological issues and pathology V: Schizophrenia Issues and Pathologies of the Mind: Worldview in Schizophrenia I Presentation and discussion of psychological issues and pathologies VI: Neuroses Be more yourself and have better relationships. Attitude as an aid worker Relationships in the field 												
Feedback of	n Assignments (exams, reports, etc.))										
Oral comme	ents on presentat	ions, reports. and as	signments	will be	e giver	n as fee	edbad	xk.					
Course Not Since this c in preparati reports. In c expected to	Course Notes Since this class will mainly consist of group presentations, each group will need to do some work outside of class in preparation for their presentations. In addition, there will be worksheet preparation and submission of small reports. In class, students are expected to make presentations, speak, work, and submit worksheets. Students are expected to participate in class actively.												
Contents of	Contents of Prior and Post-learning (preparation and review)												
Prior study:	Prior study: "Do some research on topics related to the content of each class session.												
After class:	After class: "After each class, understand and organize the important keywords in the handouts.												
Evaluation Evaluation 30% of the s motivation	Evaluation including evaluation criteria) Evaluation method: 70% of the students' attitude and motivation to participate in class presentations and discussions, 30% of the students' attitude and motivation to participate in class discussions, and 30% of the students' attitude and motivation to participate in class presentations and discussions.												
Nora	tionlor												
None in par		N/T											
Reference b	ooks, Teaching	Materials, etc. oduced during the 1	ecture. Auc	lio-vis	ual eq	uipmeı	nt suc	ch as videos will be used					

Course		Communicatio	n					KATO Rie				
Course Period	3rd year, Autumn semester	Department of Human Animal Relations Required subject 1 credit	Class format	lectu re	Cor Class	ourse ssificati on Subjects]						
Objectives The word communication is often used in daily life, and the importance of communication in various situations such as work, school, and home has been pointed out. On the other hand, as communication is widespread, fast, and mass-produced, various problems have arisen. In this lecture, we will learn how to communicate effectively and appropriately with ourselves and other important people, and we will be able to utilize it in our daily lives and society. Lecture Outline Image: the model of the other sist on have a dialogue with ourselves. We need to face ourselves and understand ourselves more deeply. In the first half of this lecture, students will learn how to face themselves, understand their strengths and weaknesses, and how to deal with their emotions using a positive psychology approach. In the second half, students will learn practical communication skills with others that will be useful in society by utilizing their own communication styles. Lesson Plan I Guidance 1 Guidance Learn about well-being 3 Know your strengths. Training to leverage your strengths 5 Learn about well-being Kearn the difference between listening and hearing, and about Active Listening. 7 Resilience Training I (Learn about the mechanisms of cognition, thought, and emotion) 8 Summary on integrated communication with oneself and others												
Feedback of	n Assignments (e n presentations a	exams, reports, etc.) l be given c	orally a	nd on	paper	as ar	opropriate.				
Course Not	es	00	0	u		T T VI						
In addition Wear comfor putting hand submit a sm	In addition to lectures, there will be a lot of work in the class. Students are expected to actively engage in the work. Wear comfortable clothes and shoes for the work. The work may involve contact between students (holding hands, putting hands on shoulders, etc.). In addition, students will be asked to participate in post-work discussions and to submit a small report after each work											
Contents of	Prior and Post-	learning (preparati	on and revi	iew)								
Prior study:	Research impor	tant keywords for e	ach theme.	tht and	h timo							
Evaluation	Method (includi	ng evaluation criter	ria)	gin eac	ii time							
Overall eva	luation based on	class participation a	and motiva	tion (8	0%) a	nd assi	gnm	ent notes (20%)				
Textbook		• •		<u>```</u>			-					
None in particular												
Reference E	Books, Teaching	Materials, etc.										
Reference b	ooks will be intr	oduced during the l	ecture. Aud	dio-vis	ual eq	uipmer	nt suo	ch as videos will be used				

Course	The	eories of Pet Loss and Berea	avement			NIIJIMA Noriko
		Department of Animal Nursing:				
Course	4th year	2credits of elective courses ;	Class	lect	Course	Specialized Education
Period	semester	Relations: Compulsory subjects 2 credits	format	ure	ation	[Specialized Subjects]
Objectives		•				
In this le	cture, studer	nts will learn various knowled	lge about p	et loss	s (loss of pe	ts and grief caused by the loss of pets)
from the per	spective of s	sociology and thanatology, et	c., with the	aim o	of becoming	g understanding supporters in the field
of veterinary	nursing.					
Lecture Ou	tline		• 1		• ,	
The purp	oose of this (course is encouraging student	ts to provid	e an a	ppropriate j	pet loss support to clients (pet owners)
in their resp	ective fields	s after graduation. After an	overview c	of the	definition	of pet loss, social backgrounds, grief
and their pet	s before and	after the loss of their pets the	he diversity	of or	ief and the	relationship with others around them
By discussir	o the latest	related research students are	expected t	o dee	nen knowle	edge of prevention and of coping with
pet loss	ig the intest	related research, stadents are	expected	.o ucc	pen knowk	age of prevention and of coping with
Lesson Plar	1					
1 What is	pet loss the	orv?				
2 Basic k	nowledge of	pet loss I: Definition of pet l	loss, humar	-anim	nal bond, w	hat is an attachment
3 Basic K	nowledge o	f Pet Loss II: Mental and Phy	sical Chan	ges (N	Jormal Grie	ef Reactions)
4 Basic K	nowledge o	f Pet Loss III: The Process of	Recoverv	B - ~ (-		,
5 Basic K	nowledge o	f Pet Loss IV: Background Fa	actors of Pe	t Los	S	
6 Basic K	nowledge o	f Pet Loss V: Preventive Mea	sures and C	Copin	g Strategies	for Pet Loss
7 Relation	nships betwe	een pets and their owners I: In	ntroduction	to Pr	evious Rese	earch, etc.
8 Relation	nships betwe	een pets and their owners II: (Current issu	ies, et	c.	
9 Loss of	pets I: Intro	duction to Previous Research	n, etc.			
10 Pet Los	s II: Current	Issues, etc.				
11 Factors	Affecting P	et Loss I: Introduction to Pre-	vious Resea	arch, e	etc.	
12 Factors	Affecting P	et Loss II: Current Issues, etc	•			
13 Coping	with the Lo	ss of a Pet I: Introduction to l	Previous Re	esearc	h, etc.	
14 Coping	with the Lo	ss of a Pet II: Current Issues,	etc.			
15 Summa	ry of Pet Lo	ss Theory				
Feedback of	n Assignme	nts (exams, reports, etc.)				
As feedb	ack for assi	gnments, examples of solutio	ns will be s	hared	and explai	ned.
Course Not	es					
The con	tent and orde	er of each lesson may vary. S	tudents are	recon	nmended to	check Moodle often.
Contents of	Prior and l	Post-learning (preparation	and review)		
Prior lea	rning "Refle	ect on your personal experien	ces related	to the	content of	each class session.
Post-lesson	study: "Deep	pen and consolidate the topics	s covered in	ı class	s by reading	g and searching the web.
Evaluation Method (including evaluation criteria)						
Grading	breakdown:	Attendance and class perfo	ormance 359	%, ass	ignments 2	5% and final exam 40%.
Textbook						
Related	books and re	eferences will be introduced	in the lectu	re. Ha	andouts wil	I be distributed either in classroom or
on Moodle v	vhen necess	ary.				
Reference E	books, Teacl	ning Materials, etc.			1	
The Human-	Animal Bona	<i>t and Grief</i> , W.B.Saunders Con	mpany.=200	00. Tra	inslated by	篙果月夫、 山崎思子 』 ベットロスと
獣医療』チ	クサン出版社					1. Constructions D. C. D. G. C.
Stewart, Mar	y F. 1999.Co	mpanion Animal Death: A Pra	ctical and C	ompre	enensive Gu	ide for Veterinary Practice, Butterworth
Heinemann.=	2000. Trans	lated by 水田止 』コンハニオ	シアニマル	の死	:獣医療の	にめの実际的包括的カイト』字窓社.

Course	Theory of Animal Assisted Therapy YAMAZAKI Kaoru AKIYAMA Junko YAMAZAKI Keiko								
Course Period	3rd year/1st semester	Required subject 2 credits	Class format	lectu re	Con Class	urse ificati n	1	Speci	alized Education
Objectives									
This course	aims to underst	and the basic theory	y and pract	ice of	anima	l-assis	ted inte	erven	tions (animal-assisted
therapy, acti	ivities, and educ	ation) based on the	bond betw	veen hu	ımans	and an	nimals.	Spec	cifically, students will
explain the	apparent effects	that animals have o	n people's j	physica	al and	menta	l health	n. In a	addition, students will
be able to ex	xplain effective v	ways to interact with	h and pract	ice ani	mals.				
Lecture Ou	tline								
Animal-assi	sted therapy and	animal-assisted act	tivities base	ed on tl	he bon	d betw	een hu	mans	and animals are used
in the medic	al, welfare, and	educational settings	s of humans	s. In th	is lectu	ure, we	e will e	xplai	n the significance and
current statu	is of animal-assi	isted intervention, a	and introdu	ce rela	ited re	search	on the	char	acteristics of animals
and the effect	cts they have on I	humans. In addition	, the lecture	e will e	explain	how t	o effect	tively	implement a subject-
specific anii	nal intervention	program.							
Lesson plan	••.• •••	C • 1 • .	1.1						Teacher in charge
1 The def	inition and histo	ry of animal assiste	d therapy						AKIYAMA Junko
2 The his	tory of domestic	ation of dogs, cats,	and horses						AKIYAMA Junko
3 The eff	ects of animals of	on human health							AKIYAMA Junko
4 Animal	-assisted interve	ntions for a variety	of subjects						AKIYAMA Junko
5 Equine	therapy and dolp	phin-assisted therap	У						AKIYAMA Junko
6 Animal	selection in AA	I program							AKIYAMA Junko
7 Risk ma	anagement in AA	AI program							AKIYAMA Junko
8 Volunte	ers in AAI prog	am							AKIYAMA Junko
9 Medicin	ne and animals (guest speaker)							AKIYAMA Junko
10 Approp	riate care of anim	nals in animal-assis	sted therapy	/					YAMAZAKI Kaoru
11 Animal	protection education	ation and animal-as	sisted educ	ation					YAMAZAKI Keiko
12 Animal	welfare in anim	al-assisted program	IS						YAMAZAKI Keiko
13 Human	welfare and One	e Welfare							YAMAZAKI Keiko
14 Exhibit	ed animals and s	chool animals							YAMAZAKI Keiko
15 Summa	ry and final exa	n							AKIYAMA Junko
Feedback of	n Assignments (e	exams, reports, etc.))						
Conduct qui	zzes and confirm	nation tests and exp	lain the ans	wers.	Give d	irect o	r overa	ll fee	dback to the question.
Course Note	es								
Explain the class guidar	precautions for ice and material	taking the course in distribution in Moo	n the first le dle.	ecture.	Pleas	e be ca	areful a	about	the guidance such as
Contents of	Prior and Post-	earning (preparati	on and revi	iew)	1				
Prior class:	Read related boo	oks and materials ac	cording to	the les	son pla	an. ho moi	n noin	to	
Fusi-class. I	Method (includi	ng evaluation criter	110105, allu ria)	summ	alizei		n poin	15.	
Normal poin	nts (question and	l answer in class an	d participat	tion in	learni	ng) 30	%. aui	zzes	10%, and final exams
60% for ove	erall evaluation.		- FF				, , , , ,		, , , ,
Textbook									
Not specifie	d								
Reference Books, Teaching Materials, etc.									
『認定動物	看護師教育コア	カリキュラム 2019	9 準拠 応月	用動物	看護学	1 動	物看護	ē学概	論/人間動物関係学/
動物福祉·	倫理』インター	ズー							
『知りたい	!やってみたい	!アニマルセラt	ピー 』 川湖	≲ 敏引	• 堀‡	丰 隆谷	テ・山ノ	伊	津子・赤羽根 和恵、
駿河台出版	社					. — •			
Other books	will be discussed	l in class.							

Course	Practice of St	Animal Assiste tudent Laborate	ed Theraj ory	ру-				AKIYAMA Junko					
Course Period	3rd year/2 nd semester	Electives 1 credit	Class format	traini ng	ini Course Classificati Specialized Education on								
Objectives			1										
The goal is	to gain a deeper	understanding of v	what has be	een lea	rned in	ı "The	ory	of Animal Assisted Therapy"					
and to acqu	ire the ability to	practice in society	while app	olying	a wide	e range	e of s	specialized knowledge about					
animal-med	iated activities. S	Specifically, it can b	e explained	l by co	nsider	ing the	effe	ects of intervening animals on					
humans and	l their character	istics through prac	ctical traini	ing. Ac	cquire	the k	nowl	edge and skills required as					
volunteers a	nd handlers in p	ractical activities of	f animal-ass	sisted i	nterve	ntion.							
Lecture Out	tline						-						
This course	provides practic	cal training to acqu	ire the know	owledg	e and	skills	that	those involved in practicing					
animal-assis	sted intervention	s such as Animal A	Assisted Th	ierapy	(AAT)) and A	Anim	hal Assisted Activity (AAA).					
Students will	I examine the the	eories and case stud	lies learned	in Th	eory o	f Anin	nal A	ssisted Therapy" and practice					
to deepen th	eir underständin	g of the practice the	rougn pract	ical sk	ills su	ch as v	olun	iteer techniques and handling					
Service allin	lais in the field.												
Lesson plan	nlanation / Intr	duction of Animal	Assisted Ir	toruon	tion (A A T)							
1 Class e	xplanation / Intro	ouction of Ammai	-Assisted II	nerven		AAI)							
2 Charact	ensues of therap	by annihais	1.1	1.11				\ \					
5 Unders	anding of progra	am participants (cm	lidren, the e	elderly,	vario	is dise	ases)					
4 Animal	welfare and risk	management											
5 AAI pro	ogram planning a	and evaluation-1											
6 AAI pro	ogram planning a	and evaluation-2											
7 Assessr	nent of health ef	fects and animal ch	aracteristic	s-1:do	g								
8 Assessr	nent of health ef	fects and animal ch	aracteristic	s-2:ho	rse								
9 Assessr	nent of health ef	fects and animal ch	aracteristic	s-3:oth	her ani	mals							
10 Aptitud	e evaluation of a	nimals (dogs) parti	cipating in	AAI									
11 Explana	ation and worksh	op on communicat	ion needed	in elde	erly ca	re faci	lities						
12 Visit tra	uining of AAA at	the private residen	tial home										
13 Horse r	iding practice at	Hachioji Riding Sc	chool										
14 Prelimi	nary presentation	n of final project											
15 Present	ation of final pro	oject											
Feedback or	n Assignments (e	xams, reports, etc.)										
As feedback	, return comment	s on reaction papers	and reports	in clas	s.								
Course Note													
Please check	the information	on Moodle as there	e are chang	es in th	ne trair	ing an	d tin	petable outside the university					
It is desirable	le to have earned	credits for "Theor	v of Anima	l Assis	sted Th	neranv	"	letable outside the university.					
Contents of	Prior and Post-I	earning (preparati	on and revi	iew)		lorupj							
Prior class: H	Read related book	s and materials acc	ording to th	ne lesso	on plai	۱.							
Post-class: R	equired to submi	t a reaction paper or	report for e	each cla	ass sess	sion.							
Evaluation	Method (includi	ng evaluation crite	ria)										
Normal points (question and answer in class and participation in discussion) 40%, report 30%, and final project													
30% for overall evaluation.													
Textbook	1												
Not specifie	a												
Reference B	ooks, Teaching I	Materials, etc.											
『認定動物	看護師教育コア	カリキュラム 201	9 準拠 応月	用動物	看護学	:1 動	物看	·護学概論/人間動物関係学/					
動物福祉·	倫理』インター	ズー											
『知りたい	!やってみたい	!アニマルセラト	ピー 』川湖	系 敏弘	・堀扌	丰 隆谷	ī・μ	山川 伊津子・赤羽根 和恵、					
駿河台出版	社												
Other books	will be discussed	in class.											

Course	Theo	ry of Assistance	e Dog					AKIVAMA Junko
Course	1100	ny of Assistance	c Dog					AIXI IA IVIA JUIKO
Course Period	3rd year/2nd semester	Required subject 2 credits	Class format	lectu re	Con Class	urse sificati on		Specialized Education
Objectives		I		1		/11		
The objective	ve of this course	is to provide stude	ents with ba	asic kn	owled	ge of a	assist	tance dogs for the physically
disabled (as	sistance dogs), w	which are trained to p	promote the	eindep	enden	ce and	socia	al participation of people with
disabilities,	as well as an u	nderstanding of the	current sta	atus an	d chal	llenges	of p	promoting assistance dogs in
Japan. Spec	ifically, the stude	ent will explain the	role of ass	1stance	dogs	in soci	ety a	and the position of assistance
dogs in the	Act on Assistance	ce Dogs for Physics	ally Disabl	to prov	sons. I	in addi	tion,	they will be able to express
Lecture Out	tlino	about the measures	snecessary	to pro	mote a	issistai	ice d	ogs in society.
This course	nrovides basic a	nd specialized know	vledge abo	ut acci	stance	dogs f	or th	e disabled which are trained
to promote i	independence an	d social participatio	on of people	= with a	disabil	lities 7	The h	istory of assistance dogs the
Act on Ass	istance Dogs fo	r Physically Disab	led Person	s assi	stance	dog i	isers	and the importance of the
relationship	between dogs at	nd people will be ex	xplained. In	additi	on, the	rough	oract	ical examples of training and
interaction v	with users by ass	istance dog breedin	g groups ar	nd reha	bilitati	ion me	dicir	e specialists, problems in the
popularizati	on of assistance	dogs in Japan will I	be explaine	d.				I I I I I I I I I I I I I I I I I I I
Lesson plan	l	y	[^]					
1 Introdu	ction of Assistan	ice Dog						
2 Definiti	ion and history o	f assistance dogs						
3 Assista	nce dogs in Japa	n and comparison v	vith Europe	and th	ne Uni	ted Sta	tes	
4 Benefit	s of assistance de	ogs and their effects	s on human	health	1			
5 Animal	welfare of assis	tance dogs						
6 Origin	and significance	of the Act on Assis	tance Dogs	for Ph	vsical	lv Disa	abled	Persons
7 Current	status and issue	s of assistance dog	training		<i>J</i>	5		
8 Current	status and issue	s of independence a	and social r	oarticin	ation of	of peor	ole w	with disabilities
9 Mobilit	v service dogs (mest speaker)	r	F				
10 Guide d	logs (guest speak	ker)						
11 Hearing	i dogs (guest spear	aker)						
12 Occupa	tional therapy ar	nd assistance dogs (quest speal	(er)				
12 Occupa	al therapy and as	sistance dogs (guest	guest spear t speaker)	(1)				
13 Thysica	the for assistance	dogs in Jonan	(speaker)					
14 Prospec	ts for assistance	dogs in Japan						
15 Summa	$\frac{1}{2} \frac{1}{2} \frac{1}$	III)					
Conduct qui	izzes and confirm	nation tests and exp) lain the ans	swers.	Give d	irect o	r ove	rall feedback to the question.
								•
Course Not	es	talzina tha accuraci	- the first 1		Dlaga	- 1		1 shout the suideness such as
Explain the	precautions for	distribution in Moo	n the first I	ecture.	Pleas	e be ca	areiu	about the guidance such as
Contonts of	Prior and Post-l	loorning (proporati	on and row	iow)				
Prior class:	Read related boo	ks and materials ac	cording to	the les	son nl	an		
Post-class: I	Review the hand	outs and the lecture	notes, and	summ	arize t	he mai	n po	ints.
Evaluation	Method (includi	ng evaluation criter	ria)				n po	
Normal poin	Normal points (question and answer in class and participation in learning) 30%, quizzes 10%, and final exams							
60% for ove	erall evaluation.		· ·				· 1	· · ·
Textbook								
Not specifie	ed							
Reference B	Books, Teaching	Materials, etc.						
『認定動物	看護師教育コン	アカリキュラム20)19 準拠 点	5用動	物看護	養学1	動物	看護学概論/人間動物関係
学/動物福祉	祉・倫理』イン	ターズー						
「介助犬を	知る」高栁哲相	也 (編)、名古屋ナ	大学出版会					
Other books	s will be discusse	ed in class.						

Course	Companion Ar	nimal Breeding and	Their Reso	urces			MURAKAMI Takahiro							
Course Period	3rd year, 1st semester	Electives 1 credit	Class format	lectu re	Co Class	urse sificati on	ti Specialized Education							
Objectives														
This course	provides geneti	c knowledge of cor	npanion an	imals	and b	reeding	g. The final goal of this course is to							
undestand the	he processes that	companion animal	s artificially	y evolv	ved fro	om orig	inal wildlife species.							
Students wi	ill learn quantita	tive genetics and c	ualitative (renetic	es for	unders	tanding breeding methods such as							
artificial sel	ection or genetic	progress. In addition	on, this cou	se wil	l intro	duce m	aior companion animals: dogs, cats.							
lagomorphs	, rodents, muste	elids, birds, reptiles	s, and amp	hibian	s. The	e proce	esses of breeding those companion							
animals will	l be explained by	y comparing with or	iginal or re	lated s	pecies	5.								
Lesson Plan	1													
1 Genetic	cs, breeding and	evolution; Fundame	ental knowl	edge fo	or und	lerstand	ling this lecture							
2 Dogs(1); Original and r	elated species												
3 Dogs(2): History with h	umans												
4 Dogs(3)): Genetics of do	og breeds												
5 Musteli	ids: Original spe	cies and breeds of f	erret and ot	ter										
$6 \operatorname{Cots}(1)$	C Cate(1): Original and related analysis													
$\begin{bmatrix} 0 & \text{Cats}(1) \\ 7 & \text{Cats}(2) \end{bmatrix}$, Oligiliai allu le	stated species												
$7 \operatorname{Cats}(2)$; History with hi	umans												
8 Cats(3)	; Genetics of cat	breeds												
9 Squirre	ls; Wild Chipmu	inks and related spe	cies											
10 Rats an	d mice; Wild spe	ecies and related spe	ecies											
11 Horse a	is a companion a	nimal												
12 Reptile	as a companion	animal												
13 Cage bi	irds(1); Original	and related species,	, History wi	ith hun	nans									
14 Cage bi	irds(2); Genetics	of bird breeds												
15 Summa	ry of companior	n animal breeding an	nd their res	ources										
Feedback of	n Assignments (exams, reports, etc.))											
A quiz will	be given in eac	h class, and explan	ations, resp	ponses	and o	comme	nts of the quiz will be given at the							
following cl	ass.													
Course Not	es	own accontial parts	of each los	1180										
Contents of	Prior and Post-	learning (nrenarati	on and revi	ew)										
Prior learnin	ng: Before each	class, check the point	nts of the th	eme.										
Post-lesson	study: After each	h class, students sho	ould review	essent	ial pa	rts of tl	he lecture and the quiz							
Evaluation	Method (includi	ng evaluation criter	ria)				•							
The overall	evaluation will l	be based on regular	examinatio	ns(50%	%) and	l quizz	es(50%)							
Textbook														
The textboo	k is not specifie	d. Materials will be	distributed	during	g the le	ecture.								
Keterence B	500Ks, Teaching	viaterials, etc.	·	毛拙兴	0 手	山赤小二手	1. 《 化 但 動 物 学 、 去 类 動 物 学 、 古							
動物有護士 験動物学・	歌目コノルリキ 野生動物学、	ーユノム 2019 単拠・ 株式会社インター	・応用動物 -ズー. A	自硬子 .pplied	っ,町 Anin	nal He	ルチ・1〒16町初子・匡耒町初子・耒 alth Nursing (3) Animal Behavior							
Companion	animal science,	farm animal science	e, experime	ntal ar	nimal	science	and wild animal science; following							
the Core Cu	rriculum for Ani	imal Nursing Educa	tion 2019,	Interzo	o, Tol	kyo.								

Guidance Theory of Animal Welfare OHORII Takayuki Course **USHINE** Nana and Proper Care Course Course 1st year, 1st Class Required subject 2 Classifica lecture **Specialized Education** credits Period semester format tion **Objectives** 1. Care and keeping of companion animals. To understand 1) the purpose and concept of proper care and keeping of companion animals, 2) the current state of companion animal keeping, 3) the effects and problems that humans are affected by companion animal keeping, 4) the needs and purposes of companion animal keeping, the outline of grief care and pet loss, the feelings of the owner, and the necessary support. 2. Promotion of proper care and keeping of companion animals. To understand 1) the purpose and activities of support for proper care and keeping (including those by private organizations), 2) the proper care and keeping at animal handling business, 3) the problem of uncontrolled breeding of companion animals and how to deal with it, 4) the matters and methods that should be instructed to the owner as an proper care and keeping method to prevent problem behaviors. 3. Disaster risk management and support for companion animals. To understand (and explain) 1) the importance of evacuation with companion animals in the event of a disaster, 2) the disaster preparedness of companion animals and their owners, 3) the outline of veterinary disaster medicine and the role of veterinary nurses in the event of a disaster. 4. Animal welfare and management administration. To understand 1) the role of veterinary nurses in public health work as the basis for owner guidance, 2) the role and implementation of "Be Kind to Animals Week", 3) the status of picking up and disposing of dogs and cats and injured animals, 4) the details and reporting status of accidents by animals, 5) the activities of the animal welfare and management center and the role of animal welfare promoters and councils, 6) the conditions and roles for the person responsible for animal handling. Lecture Outline After understanding the benefits and purposes of keeping companion animals, understand the promotion activities for proper care and keeping, risk management in the event of a disaster, and the mechanism of animal welfare and management administration. Lesson Plan 1 Proper care and keeping of companion animal, and the current state 2 The effects of companion animal keeping on humans (benefit and problems) 3 The needs of companion animal keeping, and support to the owner (including grief care and pet loss) 4 Promotion of proper care and keeping of companion animals 5 The proper care and keeping at animal handling business (including the problem of uncontrolled breeding) 6 The proper care and keeping of various animals 1: dogs, cats, and others 7 The proper care and keeping of various animals 2: dogs, cats, and others 8 The proper care and keeping of various animals 3: dogs, cats, and others 9 The proper care and keeping of ponies 10 Evacuation with companion animals and the disaster preparedness 11 Veterinary disaster medicine and the role of veterinary nurses 12 Animal welfare and management administration 1: public health work and "Be Kind to Animals Week" 13 Animal welfare and management administration 2: the current state of picking up, disposing and accidents 14 Animal welfare and management administration 3: the role of center, promoter and council 15 Animal welfare and management administration 4: application procedure for animal handling business Feedback on Assignments (exams, reports, etc.) I will accept questions about the assignment by email or orally at any time. After that, individual questions are feedback individually, and overall questions are feedback to the whole. Course Notes Check your Moodle and email for class announcements and materials distributed via Moodle. **Contents of Prior and Post-learning (preparation and review)** Students are expected to read the contents of the textbook related to each class in advance. After the class, students are expected to summarize the contents based on the textbook and handouts. **Evaluation Method (including evaluation criteria)** Overall evaluation based on regular exam (70%) and class participation (30%). Textbook 『愛玩動物看護師カリキュラム準拠教科書 10 巻 適正飼養指導論/動物生活環境学/ペット関連産業概論』一般社団法人 日本動物保健看護 系大学協会 カリキュラム委員会 編 エデュワードプレス **Reference Books, Teaching Materials, etc.**

Information will be introduced as needed.

Course	Practice	Practice of Animal Welfare and Proper Care				©HORII Takayuki USHINE Nana HOSONO Shigeyuki
Course Period	2nd year, All year	Required subject 2 credits	Class format	traini ng	Course Classificati	Specialized Education

Objectives

1. Basic handling of animals. To learn 1) safe handling according to the animal species, 2) safely walk and exercise the animals, 3) choose the proper tools for dog's walk, exercise and communication (collars, harnesses, leads, toys, etc.), 4) perform basic grooming (bathing, brushing, ear cleaning, nail clipping, anal sac treatment, oral hygiene, etc.), 5) proper maintenance of animal keeping environment.

on

2. Communication with the owner of animals. Can explain and teach 1) the characteristics of dogs and cats according to their breed, 2) proper care and keeping of animals (including keeping environment, methods of walking, basic training, etc.), 3) what the owner should comply with in accordance with the law, 4) support for the owner who have difficulty proper care and keeping of animals, 5) support for the owner in the event of a disaster. **3.** Animal welfare and management administration. To understand 1) the activities of the animal welfare and

management center (including a tour of the center), 2) what should be instructed for the animal handling business, 3) the dealing with customers in the animal handling business.

Lecture Outline

In this training, you will acquire the practical skills of the knowledge learned in the subjects related to kindness, welfare and proper care for animals, such as basic handling of animal care and keeping and communication with the owner.

Lesson Plan

- 1 Orientation, handling of various animals (including choose the proper tools, etc.) 1: dogs, cats, and others
- 2 Handling of various animals (including choose the proper tools, etc.) 2: dogs, cats, and others
- 3 Handling of various animals (including choose the proper tools, etc.) 3: dogs, cats, and others
- 4 Handling of various animals (including choose the proper tools, etc.) 4: dogs, cats, and others
- 5 Basic grooming
- 6 Maintenance of keeping environment of various animals 1: dogs, cats, and others
- 7 Maintenance of keeping environment of various animals 2: dogs, cats, and others
- 8 Maintenance of keeping environment of various animals 3: dogs, cats, and others
- 9 Handling and maintenance of keeping environment of ponies 1
- 10 Handling and maintenance of keeping environment of ponies 2
- 11 Explanation to owners who start to keeping animals
- 12 Support for the owner who have difficulty proper care and keeping of animals
- 13 Support for the owner in the event of a disaster
- 14 Tour of the animal welfare and management center
- 15 Instruction for the animal handling business

Feedback on Assignments (exams, reports, etc.)

I will accept questions about the assignment by email or orally at any time. After that, individual questions are feedback individually, and overall questions are feedback to the whole.

Course Notes

It is often the case that the training is divided into groups. Therefore, the detailed schedule will be announced separately.

Check your Moodle and email for class announcements and materials distributed via Moodle.

Get dressed properly for handling of animals.

Contents of Prior and Post-learning (preparation and review)

Check what you have learned in the Guidance Theory for Proper Care and Keeping of Animals related to each lesson. Also, after class, record and summarize what you experienced.

Evaluation Method (including evaluation criteria)

Overall evaluation based on practical skills and assignments (60%) and class participation (40%).

Textbook

None in particular. Handouts will be distributed as needed.

Reference Books, Teaching Materials, etc.

『愛玩動物看護師カリキュラム準拠 動物看護実習テキスト 第3版』

愛玩動物看護師養成専修学校教科書作成委員会 編 エデュワードプレス

Other information will be introduced as needed.

Course	Study of Co	mpanion Animal Ca	are(Groom	ing)				⊖FUKUYAMA takaaki MAKI arakawa						
Course Period	1st year 1st semester	Required subject 2 credits	Class format	lecture	Cou Clas ati	urse ssific ion	Specialized Education							
Objectives							•							
The goal is	to acquire the sp	ecialized knowledg	e necessary	to carry	out g	groom	nng c	care for companion animals.						
Lecture Ou	d contont is limit	tod to basic knowla	dag in the g	rooming	fiald	1 and	knor	uladaa such as animal handling						
necessary fo	or risk managem	ent technical term	age in the g	ment kn	owle	i, anu dae n	sed i	n the grooming care field and						
morphologie	cal characteristic	es of animals to be	cared for is	s targeted	1 for	acqui	sitior	Will be Proper breeding and						
care of cats	requires correct	knowledge and und	derstanding	. Explai	is bas	sic kn	owle	dge and grooming care such as						
physical cha	aracteristics such	as cat skin coat, ph	ysiology, h	abits, an	d eth	ology								
Lesson Plan	1	1	<u> </u>			0.								
1 Purpose	and effect of gro	ooming												
2 Dog boo	dy name for groot	ming (front body)												
3 Dog boo	dy name required	for grooming (midd	le body)											
4 Dog boo	dy name (posterio	or body) required for	grooming											
5 Cat Bre	reeds and Coat Types													
7 Feline h	body Mechanisms	s and Benavior												
8 Groomi	ng equipment	Johning Care												
9 The rele	evance of the bree	ed standard and groo	ming											
10 Basics of	of Canine Skin an	nd Coat	0											
11 Canine	Skin Infections													
12 Canine	Atopic Dermatitis	s and Food Allergy												
13 Canine	skin microbiome	and intestinal flora												
14 Canine	Skin Care and Sh	nampoo Therapy												
15 Canine	Handling													
Feedback of	n Assignments (e	exams, reports, etc.)											
Course Note	ents will be expla	amed and critiqued a	is necessary.											
I will instruc	t vou because vo	our belongings will c	hange depe	nding on	the c	onten	t of th	ne class. (announced in class and						
on the bullet	in board).		nunge uepe	inding on		oncom	. 01 11	ie enussi (unifourieed in enuss und						
Contents of	Prior and Post-	learning (preparati	on and revi	iew)										
Prior study "	Read the textboo	k and handouts relat	ed to the co	ntent of e	each c	class s	essio	n.						
After class "	Review of class of	content after each cla	iss (90 minu	ites)										
Evaluation	Method (includi	ng evaluation criter	ria)				•	2 5 6						
Overall eval	uation based on a	issignments (exams a	and reports)	75%, cla	iss pa	rticipa	ation	25%.						
大の解剖	カフーリンクア	トフス』字窓社												
	毕音』ンヤハン MDI ETTE DOO		SIC TECI	י דאדותנ	\/[/\]\	ΤΙΛΤ	П							
(MAIN	MPLETE DOG Vol)(SEPARAT	「GKUUMIING BA 'E Vol)(DVD) 新	SIU TEUF 音サポート	INIAL I 、ヤンタ、	VIAN	UAL	L							
Reference B	Books. Teaching	Materials. etc.	<u> </u>											

I will instruct you in the class..

Course	Practic	e of Companion An (Basic Grooming	imal Care ;)		OFUKUYAMA takaaki THUHIYA emi TAKEDA athuko HAYAKAWA yuko							
Course Period	1st year Full semester	Required subject 2 credits	Class format	traning	^{1g} Course Classific Specialized Education ation							
Objectives												
Based on w	what you learne	d in the companio	n animal c	care (gro	ooming) th	eory, you will learn the grooming						
techniques :	necessary for br	eeding and managi	ng dogs an	d cats. 7	The goal is	to learn how to observe the health						
condition of	dogs and cats, h	now to observe body	y language	and how	to interpre	t the results, how to retain it, how to						
use and stor	e specialized equ	uipment, and so on.										
Lecture Ou	tline											
Basically, th	ne lessons are d	eveloped in a prac	tical manne	er while	actually h	andling dogs (cats). In some cases,						
viewing of	documentary image	ages and observation	on of praction	cal skills	are added	to the practical skills. We will learn						
about each	work while work	ting on it comprehe	nsively.									
Lesson Plan	1											
1 Cat gro	oming. Nail clipp	oing, brushing, basing	g, and dryin	g care.								
2 Identifie	cation of groomin	ng tools and preparat	ion for groo	oming car	e tasks.							
3 Observi	ring the canine's body language and handling it in and out of the cage and on the table.											
4 Canine	leash control, lea	sh tying. Canine han	dling techn	iques (la	rge and sma	ıll dogs).						
5 Holding	, and handling of	grooming equipmen	t. Brushing	care usir	ng combs ai	nd brushes.						
6 Baising	and drying care.			_								
7 Baising	and drying care.	Blowing temperatur	e and air vo	olume set	tings.							
8 Clippin	g . Coat shaping i	using a clipper.										
9 Clippin	g . Fine coat treat	tment. Sole care.										
10 Nail cli	pping. Toe contro	ol and use of nail clip	opers.									
11 Groomi	ng large dogs. Ho	ow to keep large dog	s in place a	nd use sp	ecial equip	ment.						
12 Legs ha	ndling and head	holding.										
13 Scissor	work. Holding ar	nd using scissors.										
14 Dry car	e without water.											
15 General	review.		<u>`</u>									
Feedback of	n Assignments (e	exams, reports, etc.)									
The assignm	ents will be expla-	ained and critiqued a	is necessary									
Course Not	es	and hein a thair are		for anot								
Students mu	st wear a uniform	and bring their own	an and north	lor each	class.							
Drior loornin	g "Choole the may	nual for the work to	be done in (lew)	angion							
After school	study "Pead the	course content after	each class	cacii ciasi	5 56551011.							
Evaluation	Method (includi	ng evaluation criter	ria)									
Overall eval	uation will be has	sed on practical skill	s(50%) and	l class na	rticination	(50%)						
Textbook		see on practical skin	s (5070) and	i ciass pa	rucipation	(5670).						
"THE COM	PLETE DOG GR	OOMING BASIC T	FCHNICA	I MANI	IAL" MAI	N Vol						
"THE COM	PLETE DOG GR	COMING BASIC T	ECHNICA	L MANI	JAL" SEPA	RATE Vol.						
"THE COM	PLETE DOG GR	COMING BASIC T	ECHNICA	LMANI	JAL" (DVI)) 教育サポートセンター						
Reference F	ooks. Teaching	Materials, etc.										
『全犬種樰	進書 ジャパン	ケネルクラブ										

Course	Practic	e of Companion An (Advanced Groomin	imal Care ng)			○FUKUYAMA takaaki THUHIYA emi TAKEDA athuko HAYAKAWA yuko
Course Period	2nd year Full semester	Required subject 2 credits	Class format	traning	Course Classific ation	Specialized Education
Objectives	1			!		
The goal is	to stably impler	nent the knowledge	and techn	ical cont	ent acquire	ed in the basic training to ensure the
safety of hu	mans and anima	ls for dogs of variou	is ages, ter	mperame	nts, and size	zes. Set the theme care work in each
class and try	v to acquire it.					
Lecture Ou	tline					
In addition	to the dog health	and management le	arned in th	ne compa	nion anima	al care (basic grooming) training we
will practice	the retention m	ethod of diversifying	p breeds at	nd the me	thod of ski	n health care. In order to acquire the
ability of de	ogs to apply to y	various behavior nat	terns we v	will also	use dogs th	hat are somewhat difficult to handle
and practice	grooming care	methods according to	o the dog's	life stage	- breeding	environment and breeding purpose
I esson Plar		methods decording to	o the dog s	me stag	c, biccuing	environment, and breeding purpose.
1 Groomi	ng Care Basic re	wiew				
2 Groomi	ng care Scissors	and shears test. Force	ens with co	otton proc	luction	
2 Groomi	ng care Hairball	care (using special e	cuinment)	mon proc	iuction.	
4 Groomi	ng care. Upper a	nd lower hair care (us	quipinent).	lequipm	ant)	
5 Groomi	ng care. Seasona	1 (for hot and humid)	environme	r equipina nte)	-iii <i>)</i> .	
5 Groomi	ng care. Seasona	1 (for cold and dry en	vironment	nts).		
7 Groomi	ng care. Seasona	i (10) colu allu ury ell	vironnent	5).		
7 Gioomi	ng care. Work av	commutation methods				
8 Groomi	ng care. Work ev	ding any iron methods.				
9 Groomi	ng Care. By bree	ang environment.				
10 Groom	ng care. Dry care	e (mousse).				
II Groomi	ng care. Dry care	e (powder).				
12 Groomi	ng care. Foam cl	eaning.				
13 Groomi	ng care. Life stag	ge (old dog).				
14 Groom	ng care. Large ca	inine breed care.				
15 Compre	chensive groomin	g care application.				
Feedback o	n Assignments (exams, reports, etc.)				
Verbal evalu	ation of the tech	nique will be given in	class.			
Course Not	es		-			
Students mu	st wear a uniform	n and bring their own	equipment	t for each	class.	
Contents of	Prior and Post-	learning (preparation	on and rev	iew)	-	
Prior learnin	g "Check the ma	nual for the work to l	be done in	each class	s session.	
After-school	study "Read the	course content after	each class.			
Evaluation	Method (includi	ng evaluation criter	ria)			
Overall eval	uation will be bas	sed on practical skills	s(50%) and	d class pa	rticipation	(50%).
Textbook		0.00 M 12 5		• • •		
"THE COM	PLETE DOG GR	ROOMING BASIC T	ECHNICA	L MANU	JAL" MAI	N Vol.
THE COM	PLETE DOG GR	ROOMING BASIC T	ECHNICA	L MANU	JAL" SEPA	KAIE Vol.
"THE COM	PLETE DOG GR	ROOMING BASIC T	ECHNICA	L MANU	JAL" (DVI)) 教育サホートセンター
Reference B	Books, Teaching	Materials, etc.				
『全犬種標 	準書』 ジャパン	·ケネルクラブ				

Course	Practice	e of Companion Behavior	n Anima	1				HORII Takayuki		
Course Period	3rd year, 2nd semester	Department of Human Animal Relations Elective 1 credit	Class format	exerci ses	i Course Classificati Specialized Education on					
Objectives							•			
To read va	rious informatio	n from the behavio	r of compa	nion a	nimals	s (mair	nly do	ogs and cats), it is necessary to		
master beha	avioral observat	ion and behavioral	l analysis	metho	ds. In	this c	cours	e, we will focus on practical		
observation	and analysis me	thods rather than res	search meth	ods to	acquii	e skill	s that	will enable us to make accurate		
judgments a	bout behavior in	situations where we	e actually h	andle c	compa	nion ai	nimal	ls (especially when dealing with		
problem beh	naviors).									
Lecture Out	tline		. d		da fa	. 1 1	:	1 sharmation and anolysis and		
This cours	e will explain re	ion and analysis us	ing videos	metho and liv	ing of	r bena	viora	a addition we will examine the		
intentions of	f problem beha	viors of dogs and	cate in var	ious s	ituatic	gailisi ne hao	ns. n red o	n addition, we will examine the		
surrounding	environmental s	stimuli and the state	of the anim	al Thr	nuario	discuss	sions	we will practice independently		
and practica	llv how to deal	with problem behav	iors.		ougn	a 15 0 a 51	10115	, we will produce independently		
Lesson Plan	l									
1 Introdu	ction to Behavio	ral Observation and	l Research							
2 Practica	al Behavioral Ob	servation and Analy	ysis Metho	ds						
3 Canine	and Feline Body	/ Language								
4 Practica	al Behavioral Ob	servation and Analy	ysis Exercis	se 1: 0	bserve	e and d	liscus	ss body language using video		
5 Practica	al Behavioral Ob	servation and Analy	ysis Exercis	se 2: 0	bserve	e and d	liscus	ss body language using animal		
6 Problem	n Behaviors Mar	hagement: Fundame	entals of pro	blem l	behavi	ors ma	inage	ement, counseling, consultation.		
/ Problem	n Benaviors Mai	hagement Exercise	1: Problems	s relate	a to w	/alking	g with	i people.		
9 Problem	n Behaviors Mai	hagement Exercise	2: Pica allu 3: Problem	coprop relate	magy.	ctivity				
10 Practice	Communicatin	g with Dogs: Accur	ate commu	nicatio	n met	hods				
11 Problem	n Behaviors Mai	agement Exercise	4: Problems	s relate	d to c	hewing	g and	biting		
12 Problem	n Behaviors Ma	nagement Exercise :	5: Problems	s relate	d to c	hewing	g and	biting		
13 Problem	n Behaviors Mai	nagement Exercise	6: Problems	s relate	d to fe	ear and	anxi	iety		
14 Problem	n Behaviors Mai	nagement Exercise '	7: Problems	s relate	d to fe	ear and	l anxi	iety		
15 Problem	n Behaviors Mai	nagement Exercise	8: Problems	s relate	d to e	liminat	tion			
Feedback or	n Assignments (e	exams, reports, etc.))							
I will acce	pt questions abo	out the assignment t	by email or	orally	at an	y time.	. Afte	er that, individual questions are		
Teedback Ind	aividually, and o	verall questions are	Teedback t	o the v	vnole.					
Check you	r Moodle and er	nail for class annou	ncements a	nd mat	eriale	dictrib	uted	via Moodle		
Contents of	Prior and Post-	learning (nrenarati	on and revi	iew)	citais	uisuit	uteu			
Students a	e expected to rea	ad the contents of th	e textbook	related	to eac	ch class	s in a	dvance. After the class, students		
are expected	l to summarize t	he contents based o	n the textbo	ook an	d hand	louts.				
Evaluation	Method (includi	ng evaluation criter	ria)							
Overall eval	uation based on	assignment report ((50%) and o	class pa	articip	ation (50%).		
Textbook										
『認定動物	看護師教育コ	アカリキュラム 2	019 準拠	応用重	动物看 · · ·	·護学	3 重	動物行動学/伴侶動物学/産業		
動物学/実	演動物学/野生動	動物学』日本動物的	保健看護系	大学協	協会に	カリキ	ュラ	ム委員会 編 インターズー		
Reference B	looks, Teaching	Materials, etc.								
『動物行動	図説 家畜・伴	名動物・展示動物	勿』佐藤衆	介・迂	〔藤誠	司・日	日中智	習夫 他 編 朝倉書店		
『知りたい	!考えてみた	い!どうぶつとの	暮らし』	川添敏	、弘 監	諸王 山	川伊	甲津子・堀井隆行・橋本直幸		
著 駿河台!	出版社									
The teachin	g materials incl	ude slides created	with Micro	osoft F	ower	Point	vide	eos for observation, and living		
organisms.						,		· · · · · · · · · · · · · · · · · · ·		

Course	Compani	ion Dog Traini	ng Theo	ry				HORII Takayuki
Course Period	3rd year, 2nd semester	Department of Human Animal Relations Elective 2 credit	Class format	lectur e	Con Class	urse sificati on		Specialized Education
Objectives				:			:	
Even dogs	, which are calle	d "best friends" of h	numans, cai	n be a	threat	to hun	nan li	fe if they are raised incorrectly,
and dogs th	emselves can be	come unhappy. The	erefore, the	purpo	se of	this lea	cture	is to learn appropriate training
theory for ra	aising companio	n dogs that are acce	epted by hu	iman s	ociety	and to	o dee	pen their understanding so that
they can be	used in actual do	og training (includin	ig explainii	ng to th	ne owr	ner).		
Lecture Ou	tline							
In order to	understand dog	training scientifical	ly, we will	learn a	bout t	he chai	acter	ristics of dogs as animal species
(ethology),	learning theory,	and behavioral mod	lification m	nethods	s. You	will le	earn r	not only the theory for teaching
behavioral r	eactions such as	"Sit", but also the th	neory for pr	oper h	andlin	g and c	comn	nunication. In addition, you will
learn the the	eory of dog train	ing from various as	pects such	as the	theory	y of se	tting	the living environment of dogs
and the theo	ry of not using co	ompulsory methods	such as cor	poral p	ounish	ment fi	rom t	he viewpoint of animal welfare.
Lesson Plan	1							
1 Learnin	g and Behavior:	Principles of Behav	vior					
2 History	of Dog Domest	ication						
3 Respon	dent (Classical)	Conditioning	с ,					
4 Operan	t Conditioning: (Contingency in Reir	iforcement					
5 Operan	t Conditioning: (Contingency in Puni	Isnment	minati	un Stir		and C	timulus Control
7 Shaping	of new behavio	r: Shaping Prompt	ing Eading	and C	ve Sill bainir	nuius a	ina s	Sumulus Control
8 Choice	of behavioral co	nsequence: Types o	f Poinforce	s allu C	Dunic	ig cit.	Victir	muich from Prompt Extinction
9 Buildin	g relationships y	with dogs. I eadershi	in Handlin	a and i	Comm	unicat	ion	iguisii itoini i toinpt, Extinction
10 Enviror	mental Enrichm	ent and Behavior N	odification	ig and i	ortance	e of set	ting	the living environment
11 Puppy	Fraining 1: Hous	e (Excretion) Traini	ing. Crate 7	Frainin	g	01 50		
12 Puppy	Fraining 2: Socia	alization (including	Desensitiza	ation)	0			
13 Puppy	Fraining 3: Hand	lling of Chewing, B	iting and A	ttentio	n-seel	king be	havio	or
14 Puppy	Fraining 4: Train	ing of walking with	people			U		
15 The pit	falls of theory: P	ossibility of improp	er applicat	ion of	theory	,		
Feedback of	n Assignments (e	exams, reports, etc.))					
I will acce	pt questions abo	out the assignment b	y email or	orally	at an	y time.	Afte	er that, individual questions are
feedback in	dividually, and o	verall questions are	feedback t	o the v	vhole.			
Course Not	es							
Check you	r Moodle and en	nail for class annou	ncements a	nd mat	terials	distrib	uted	via Moodle.
Contents of	Prior and Post-	learning (preparation	on and revi	iew)				
Students an	re expected to rea	ad the contents of the	e textbook	related	to eac	ch class	s in a	dvance. After the class, students
are expected	l to summarize t	he contents based or	n the textbo	ook an	d hand	louts.		
Evaluation	Method (includi	ng evaluation criter	ria)	. • •	. •	(200)		
Overall eval	uation based on	regular exam (70%)) and class	partici	pation	n (30%).	
Textbook 『知りたい	!考えてみたい	い!どうぶつとの	暮らし』川	添敏	弘 監	諸者	山川	伊津子・堀井隆行・橋本直幸
著 駿河台	出版社							
Reference B	ooks, Teaching	Materials, etc.						
『メイザー	·の学習と行動。	』J.E.メイザー 著	皆 二瓶社					
『行動変容	法入門』R.G.	ミルテンバーガー	著 二并	瓦社				
『行動分析	『行動分析学』坂上貴之・井上雅彦 著 有斐閣アルマ							
『イヌの動 -	ヌの動物行動学』A.ミクローシ 著 東海大学出版部							
『イヌの博	「物図鑑」A.ミ	クローシ 著 原	書房					
Other inform	nation will be in	troduced as needed.						

Course	Practical T	raining of Con	npanion	Dog				HORII Takayuki
Course Period	4th year, 1st semester	Department of Human Animal Relations Elective 2 credit	Class format	traini ng	Co Class	urse sificati on		Specialized Education
Objectives								
Practice de	og handling and	training based on t	he knowled	lge gai	ined in	n "Con	npani	ion Dog Training Theory". The
goal is to ac	quire the skills to	o handle dogs prope	erly, the skil	ls of b	asic ti	aining	appr	oaches, and the communication
skills necess	sary to support the	ne owner.						
Lecture Ou	tline				•	•	•	
In this trai	ning, you will p	practice how to use	dog trainii	ng too	ls, coi	nmuni	catio	n with dogs, handling of dogs,
observation	and recording of	t dog behavior, conc	litioning of	condit	tioned	reinfo	rcer,	shaping of basic behavior using
operant con	nditioning, crate	e training, extinct	ion, habitu	lation	meth	od and		unter-conditioning, control of
environmen	tal conditions, ai	halysis of dog behav	vior and exp	lanatio	on to c	others a	ind c	onsideration for animal welfare.
Lesson Plan	l tion Doo hondli		40 00 do	~ 440.14	:	a1a	44:00 00	in and out of the anote
1 Orienta	tion, Dog nandli	ng technique 1: Ho	w to use do	g train	ing to	ois, pu	tting	in and out of the crate
2 Dog na	numg technique	2: How to nancie i	leads, comin	Doinf	tion w	/111 dog	gs at Dr	reference of food
J Shopin	use the 1000. Of	se as Unconditioned	a of wolkin	a with	noon	(include	pt, FI	a eve contact)
5 Shaping	g (Operant Cond	litioning) 7: Recall	g of warking	g with	peop		uuiiiz	g eye contact)
6 Shaping	g (Operant Cond	itioning) 2. Recall	I ving Wait	ina				
7 Shaping	g (Operant Cond	litioning) 4. Behavid	oral control	hv str	ict cue	es (Stir	nulus	s Control)
8 Crate T	raining and Env	ironmental Setting	orur control	0y 50		cs (btil	iiuiu	, control)
9 Extinct	ion. Reinforcem	ent and Extinction (of behavior					
10 Applica	ation of Classica	1 Conditioning: Hab	oituation me	ethod a	and Co	ounter-	Cond	litioning
11 Observ	ation and analys	is of dog behavior a	and explana	tion to	other	s	conc	nuoning
12 Shapin	g (Operant Cond	litioning) 5: Trick (C	Chaining)			~		
13 Conside	eration for Anim	al Welfare 1: Comp	arative und	erstan	ding t	o avoid	l usir	ng compulsory methods
14 Conside	eration for Anim	al Welfare 2: Nose	work that h	as a po	ositive	effect	on d	logs (odor search work)
15 Summa	ry and off-lead t	raining experience		1				
Feedback o	n Assignments (exams, reports, etc.)					
I will acce	pt questions abo	out the assignment h	oy email or	orally	at an	y time	. Afte	er that, individual questions are
feedback in	dividually, and o	verall questions are	feedback t	o the v	vhole.			-
Course Not	es							
It is desira	ble to have earne	ed credits for "Comp	panion Dog	Train	ing Tł	neory".		
Check you	r Moodle and er	nail for class annou	ncements a	nd mat	terials	distrib	uted	via Moodle.
The conter	nt of the training	may be different fre	om the less	on pla	n, but	in that	case	, we will announce it.
Get dresse	d properly for ha	undling dogs.						
At the tim	e of training, al	ways pay attention	to the beh	avior	mana	gement	t of t	the dogs and the setting of the
environmen	t, and try to redu	ice the stress of the	dogs.					
Contents of	Prior and Post-	learning (preparati	on and revi	ew)				
Check what	at you have learn	ed in the companior	n dog trainii	ng theo	ory rel	ated to	each	lesson. Also, after class, record
and summar	rize what you ex	perienced.	• `					
Evaluation	Method (includi	ng evaluation criter	r1a)		()	1 - 1		-i (200/)
Overall eval	luation based on	practical skills and	assignmen	ts (70%	o) and	I Class	partic	sipation (30%).
Iextbook	tionalon Hondons	a multi ha diatailanta d	أمدأه معمد مم					
Poforence P	ucular. Handout	s will be distributed	as needed.					
「午日 わ た」	しまうてひた	いしどうどうとの	直に1『1	[沃鮋]	引くした	と 事 「		田津子, 掘土悠行, 橋木古去
	・・ 有んてみたい	いここうかつこの	昏りし』川	17小可义,	JA 追	『白ー	цЛЦ	Γ (F) 加力性11
者 駿川台	i出版社							
Uther inform	nation will be in	troduced as needed						

Course	Characteristics	of Domestic Dogs I	Domestic C	ats)FUKUYAMA takaaki YAMAZAKI kaoru HAYATA yukiko
Course Period	3rd year 1st semester	Required subject 2 credits	Class format	lecture	Course Classific ation	Specia	lized Education
Objectives		•	•		•	<u></u>	
The goal of	of this lecture i	is to comprehensiv	vely study	the var	rious morp	ohologie	es, abilities, and behavioral
characterist	ics of dog breed	ls, and to understand	nd the dive	ersity of	the dog o	rganisn	n. In addition, the goal is to
understand	how humans mal	ke use of these char	acteristics i	n human	society, ar	nd to lea	arn the welfare considerations
necessary fo	or dogs. Underst	tand the habits and	characteris	stics of c	cats and pr	omote	better communication. Many
students an	a leaving deep y	wild blood. A couire	the standar	ying add	ination star	lures in	of each purebred cat breed
Lecture Ou	tline	vilu biobu. Acquire	the standar	u (exam	mation sta	liuaiu) (or each purcored cat breed.
It explains	the characterist	ics of various bre	eds of dog	and c	cats. show	s the c	origin and development, the
characteristi	ics of cultural are	eas with fixed breed	is and their	views o	n animals,	and lec	ctures on essential knowledge
for animal n	urses.				,		C
Lesson Plan	l						
1 Origin	, evolution and	classification of ${\rm d}$	$\log s$				
2 Charac	cteristics of dog	, breeds History a	nd role of	dog sho	ws and re	gistere	ed organizations.
3 Dog br	eed characteris	stics Proper breed	ing manag	gement.			
4 Featur	es and roles of	head shape and p	recursor s	tructur	e.	·	•
5 Charac	cteristics and re	oles of the middle	and poste	rior ske	eleton coni	igurat	ions.
7 Dog co	eeus suitable a	s domestic dogs a	na amerei	ices bet	ween Jap	anese	Akita anu American Akita
8 Dog wo	ar color and siz						
9 Dog se	nsorv organs a	nd their abilities					
10 Origin	/ evolution / cla	assification of cats	3				
11 Extern	al morphology	of cats Cat breed	and body	composi	ition		
12 Extern	al form of cat p	pigment and coat					
13 Respir	atory and circu	latory diseases in	cats				
14 Diseas	es of the cat's u	urinary and endoc	rine syste	ms			
15 Cat br	eeder / breeding	g	<u></u>				
Feedback of	n Assignments (e	exams, reports, etc.) propriate				
Course Not		t on the issues as app	nopriate.				
Classes for c	log, cat, and bird	breed names, which	are often b	red in Jar	oan, will be	held or	the premise of preparation.
Contents of	Prior and Post-	learning (preparati	on and rev	iew)	, , , , , , , , , , , , , , , , , , , ,		I I I I I I I I I I I I I I I I I I I
Pre-study "R	ead the materials	s related to the conte	nts of each	lesson"			
Post-study "	Reviewing the less	sson content after ea	ch lesson"				
Evaluation	Method (includi	ng evaluation crite	ria)				
Comprehens	ive evaluation ba	sed on class particip	ation / learr	ning attitu	ude (25%) a	and assi	gnments (75%).
Textbook		·					
	青』 ヘットフイ	ノ仁 Matariala ata					
Reference E	ooks, leaching	viateriais, etc.					
イラスト	でみる猫字』	講談社					

Course	Characte	eristical Theory of F	Exotic Anim	als		TSURUNO Shinkichi
Course period	3 rd year, Spring semester	Elective 2 credits	Class format	lecture	Course classificat ion	Specialized Education [Basic Specialized Education
Objectives		1		1	-	
The goal	of the course	is to provide studen	ts with a br	oad know	ledge of ex	otic animals (mammals, reptiles, and
amphibians)	including their	ecology, characteris	stics, and dis	seases. Th	is knowledg	e will be very useful in the workplace
after graduat	ion.					,
Lecture out	line					
Among ar	imals classified	l as "exotic animals"	as a subjec	t of veteri	nary medici	ne rodents (hamsters rabbits) kept as
nets and ren	tiles (snakes li	zards turtles) and a	mphibians (frogs) th	e number of	f which has been increasing in recent
vears will b	e studied focus	ing on those species	that are ker	nt in large	numbers th	eir characteristics breeding methods
typical disea	ses and their c	are. The lecture will	cover the c	haracteris	tics breeding	is methods typical diseases and their
nursing care	etc The lect	ures will be given	in an easy-	to-underst	tand audio-v	visual format using video and audio
materials In	addition for so	me species character	eristics such	as reprod	luction will	also be introduced
Lesson plan	addition, for se	file species, charact		us reproc		also be introduced.
1 Exotic	Animals in Ge	paral (first half)				
2 Exotic	Animals in Ge	operal (Second Half)				
2 Exotic	ters					
1 Ferret	s					
5 Rabbi	s tology (first hal	(f)				
6 Rabbi	tology (mst na	half)				
7 Guine	a nige	liali)				
8 Chine	a pigs hillas					
	minas					
10 Hedd	rehous					
	monkeys					
12 Torte	nice (first half)					
12 Torte	vise (second hal	f)				
14 L izat	rds	11)				
15 Amn	hibians					
Feedback or	n assignments	(avams renorts at	•)			
Question and	1 answer session	n via e-mail	•)			
Course Note						
None						
Contonts of	nrior and nost	loorning (proporo	tion and ray	viow)		
Dreparation:	Students are re	cuired to prepare for	the next of	view)	derstand the	meaning of technical terms
Post-lesson s	Study: Read the	textbook correspond	ling to the c	ontent of	each class so	ession
Evaluation	method (includ	ling evaluation crit	eria)		cach class s	
50% for reg	lar examination	ns 50% for class par	ticination			
Textbook		iis, 5070 101 cluss pui	neipution			
Color Atlas	of Erotic Anima	ls. Mammals 3rd a	1			
(Authors: Sh	inkichi Huopo	Makoto Vokosuka)	1. (Puhlishar)	Midorial	hoho)	
Deference h	ooks tooohing	matorials ato	(I ublisher.	WHU011-SI	1000)	
Color Atlan	of Evotio Anima	la. Birda				
Dirds Space	og Exolic Anima	us. Dirus vadina Diagaga (Author Chi	leich: U.	ono) (Dubli	ahar: Midari shaha)
Dirus - Speci	es, Ecology, Br	eeaing, Diseases - (I	-tutior: Shii	IKICIII HÜ	ono), (Publis	siiei. iviiuoii-siiodo)
Color Atlas	oj Exotic Anima	us: $\kappa eptiles$ and $Ample Transformer (Mathematical Structure) (Mathematicae Structure) (Mathe$	onidians	: 1: 01 1)	
(Author: Shi	nkichi Huono,	Iomoaki Nakata), (P	ublisher: M	idori Shol	DO)	
Basics of Ra	bbits JCRA Boo	ok Kindle Edition (A	uthor: Shink	cichi Huo	ono), (Publis	sher: YIL Publishing Co., Ltd.)

Rabbit Medicine (Author: Shinkichi HuoNo), (Publisher: Midori Shobo)

Course	Charac Birds	teristics of Coi	mpanio	n				Shimamori Hisako Atsushi Kojima		
Course Period	3 rd Year 1 st Semester	Electives 2 credits	Class format	Lecture	Con Class	urse sificati on		Specialized Education		
Objectives				•	1					
Today, var number of p and probler acquiring th veterinary n	number of people keep birds as companion, however, the greater number of owners suffer from their birds' diseases and problematic behavior. In this lecture, two teachers will give lectures in omnibus format with the aim of acquiring the knowledge to solve the problems of companion bird keepers to the students who aim to become avian veterinary nurses or those who aim for occupations related to companion birds.									
Lecture Ou	tline									
[Shimamori] First, students will learn about the history of domesticated cage birds, then about the characteristics of popular species of companion birds and consider their proper care, and breeding and rearing. In the lecture, we will deepen our understanding of cage birds not only by textbook but also by watching video and audio clips and seeing actual birds. [Kojima] The lecture will focus on how the nursing of companion birds differs from that of Carnivora (dogs and cats). Students will learn the basics of avian taxonomy, biology, and anatomy, and will be introduced to some										
diseases to g	gain the deeper u	inderstandings for c	ompanio	n birds' r	nursing	g.	•			
Lesson Plan	1	0	•		,					
 Guidan Introdu Introdu Introdu Canarie Other fi Budger Cockati (Shima: Large p Breedir The relation Anatom Anatom Anatom Summa Feedback on Assignment 	ce and Introduct ction to compani- ction to compani- ction to compani- s: History, breed inches: Their cla igars: History, br els and other sr mori) arrots and cocka or and rearing of ationship betwee on and classifica by of the avian b ory of the avian b ory and diseases or ry and review (S n Assignments (e s and quizzes wi	ion to companion bi ion birds 2: Avian cr ion birds 3: General ls, and their proper ssification, character reeds and their prop nall and medium-si ttoos: Their classific small cage birds (S en man and compan tion of birds (Kojin ones, diseases and t igestive organs and of the avian reprodu Shimamori) exams, reports, etc.	irds 1: I ultural his l care (Shi care (Shi eristics an per care (S ized parro cation, ch Shimamor ion birds na) heir nursi diseases ctive orga	introduct story Shi imamori mamori) d proper Shimamo ots: Thei aracteris i) (Shiman ing (Koji and thein ans and t	tion to imamo) c care (ori) ir clas tics ar nori) ima) r nursi heir n xplain	ornith ori) (Shima sificati nd prop ng (Kc ursing ed and	olog umori ion, c ber ca ojima (Koj	y (Shimamori) i) characteristics, and proper care are (Shimamori)) ima) ewed as appropriate		
Course Not	es									
The order of	the lectures may	y be changed due to	unavoida	ble circu	ımstar	ices. T	his w	111 be announced on the Moodle		
Contonto of	Drive and Dest	ance.	on and re	viow)						
Students or	expected to prop	are for and review of	ach lectur	view)	ing to	the out	labu	s using the designated texthools		
and handout	s Students are re	equired to take quiz	zes on Mo	odle afte	nng to er revi	ewing	If vo	ou are given a small assignment		
follow the in	structions and su	bmit it.		ould ult	01 10 11	e 1115.	II J.			
Evaluation	Method (includi	ng evaluation criter	ria)							
Students wil	l be evaluated con	mprehensively based	l on the qu	iizzes an	d smal	1 assig	nmen	its.		
Textbook		¥	1							
島森尚子『	小鳥図鑑』誠文									
小嶋篤志『	コンパニオンバ	「一ドの病気百科』	誠文堂新	光社						
Reference B	ooks, Teaching	Materials, etc.								
Instructions	and handouts wil	l be given in the clas	sroom an	d/or on N	Aoodle					

Г

٦

Course	Geronte	ology and Dog	Walking					AKIYAMA Junko
Course Period	3rd year/2nd semester	Required subject 2 credits	Class format	lectu re	Cor Class	urse ificati m		Specialized Education
Objectives		I				11		
The objectiv	ve of this course	is to understand the	e various he	alth is	sues ir	ı Japar	ı, whi	ch has become a super-aged
society ahea	d of other count	ries in the world, an	nd the role of	of livir	ng and	walkii	ng wi	th dogs (dog-walking) plays
in solving h	ealth issues in J	Japan, from the per	spective of	geron	tology	. Spec	ifical	ly, students will explain the
academic co	oncept of geront	ology and the curre	ent situatior	i in Jaj	pan. T	o be a	ble to	explain the effects of dog-
walking on	health and its spo	ecific methods.						
Lecture Out	tline		·	4		1 1-	1/1-	· · · · · · · · · · · · · · · · · · ·
This lecture	will provide an	understanding of J	apan's curr	ent siti	uation	and h	ealth	issues, which has become a
super-aging	society allead of	e perspective of ger	ontology Ir	lu expl	ion to	the has		ncept of gerontology and the
importance	of healthy life e	xpectancy and prev	vention of n	ursing	care	the eff	fects	of dogs on the health of the
elderly and	their effectivene	ss will be explained	theoretical	lv base	ed on t	the late	est res	search findings.
Lesson plan								
1 Introdu	ction of Geronto	logy and Dog Walk	ing					
2 The cor	ning of a super-a	aging society and th	e creation of	of a gre	eat life	;		
3 Geronto	plogy and its con	cepts		0				
4 Aging-1	elated physical	changes						
5 Mental	and physical car	e in old age (guest)	speaker)					
6 Social i	nteraction of the	elderly	speaner)					
7 Anti-ag	ing and healthy	life expectancy						
8 The pra	ctice of long-ter	m care prevention						
9 Health	problems of exc	essive sitting in the	elderly					
10 The role	e of pets in a sur	per-aging society	j					
11 Benefit	s of dog-walking	y y						
12 Prospec	ts for dog-walki	no						
13 Better y	valking for hum	ans and dogs in hun	nan society	(guest	speak	er)		
14 Social of	capital and dog-v	valking (guest speal	ker)	(guest	spean			
15 Summa	ry and final exa	m						
Feedback or	n Assignments (e	exams, reports, etc.)					
Conduct qui	zzes and confirm	nation tests and exp	, lain the ans	wers. (Give d	irect of	r ovei	rall feedback to the question.
1		1						1
Course Note	es							
Explain the	precautions for	taking the course in	n the first le	ecture.	Pleas	e be ca	areful	about the guidance such as
class guidan	ce and material	distribution in Moo	dle.					
Contents of	Prior and Post-	learning (preparati	on and revi	ew)	1			
Prior class:	Read related boo	oks and materials ac	cording to	the less	son pl	an. ho moi	n n oi	nto
Fusi-class. I	Review the handouts and the lecture notes, and summarize the main points.							
Normal poin	ts (question and	answer in class an	d participat	ion in	learni	ng) 30	n %	uzzes 10% and final exams
60% for ove	rall evaluation.		a participa		Iouiii	116) 50	/0, 4	
Textbook								
Not specifie	d							
Reference B	ooks, Teaching	Materials, etc.						
『東大がつ	くった高齢社会	会の教科書』東京	大学高齢社	L会総	合研究	2機構	(編	著)、東京大学出版会
『すぐわか	るジェロント	ロジー』一般社団	法人日本点	同老	年学4	≧検定	委員	会(編著)、社会保険出版
計								
上	今の甘林知塾	◎ ⇔★ 廖 ⊭ (支)	講談社理な	卜武事				
超局齢社	会の基礎知識。	』	講談社現↑	「新書				

Other books will be discussed in class.

Course	Fa	rm Animal Sc	ience			MURAKAMI Takahiro			
Course Period	3rd year, 1st ^t semester	Required subject 1 credit	Class format	lecture	Course Classific ation	Specialized Education			
Objectives The final goal of this course is to understand history, and social status and characteristics of farm animals by comparing them with related wildlife species. This course also aims to provide various knowledge of farm animals including horse, cow, sheep, goat, pig, and chicken. Major breeds, physiological characteristics, sexual cycle, reproduction, and rearing methods will be explained. Lecture Outline In this course, students will learn history, breeds, rearing, and management methods of farm animals. Through the									
course, we history, bree Lesson Plan	focus on how de eds, characteristic	omestication chang and rearing meth	ge behavior ods of majo	and mo or indust	rphology o rial animal	of each species. Students will learn s.			
1 What an 2 Horse a 3 Cow as	re industrial anin as a farm animal; a farm animal; I	nals? History and charac History and charact	eteristics eristics						
4 Sheep a 5 Pig as a	 4 Sheep and goat as farm animals; History and characteristics 5 Pig as a farm animal; History and characteristics 6 Ohich are a farm animal; History and characteristics 								
7 Furbear 8 Summa	rers as farm anim	als; History and ch alscience	aracteristic	S					
Feedback on A quiz will following cl	n Assignments (e be given in eac ass.	xams, reports, etc. h class, and explar) nations, res _]	ponses a	nd comme	nts of the quiz will be given at the			
Students of fundamenta Contents of	this course are knowledge to u Prior and Post-I	e recommended to ndertand farm anin earning (preparati	o review b nal science. on and revi	asic gen ew)	etics, anat	tomy, and physiology as they are			
Prior learnin Post-lesson Evaluation The overall	ng: Before each c study: After each Method (includi evaluation will b	class, check the point of class, students sho ng evaluation criter of based on regular	nts of the th ould review ria) examinatio	essentia	l parts of the and quizz	he lecture and the quiz			
Textbook 動物看護士 験動物学・ Companion the Core Cu	教育コアカリキ 野生動物学, animal science, rriculum for Ani	ュラム 2019 準拠 株式会社インター farm animal scienc mal Nursing Educa	・応用動物 ーズー.A e, experime ation 2019,	看護学 3 pplied A ental anir Interzoo	, 動物行重 Animal He nal science	加学・伴侶動物学・産業動物学・実 alth Nursing (3) Animal Behavior, and wild animal science; following			
Reference B 家畜化とい Evolution ir	Books, Teaching I う進化,リチャ a Man-Made W	Materials, etc. ード・C・フラン 'orld", Hakuyousha	シス,西戽 , Tokyo.	尾香苗訳	,白揚社.	Francis, R.C.2015. "Domesticated;			

Course	Labo	oratory Anima	al Science	9		Shin-ichiro Imamura Takashi Umemura Nana Ushine
Course Period	3rd year / 2nd semester	Required subject 1 credit	Class format	lectur	Course Classificat	ion Specialized Education
Objectives				·		
Understand	their history, s	social position, and	d characteri	stics whi	le comparir	ng companion animals, experimenta
animals, and	d wild animals.	*			•	
Understand methods of	the purpose a experimental a	nd significance of nimals, genetic co	f animal exp ntrol, enviro	periment onmental	s, and unde control, dis	erstand the use control and breedin ease models, etc.
Lecture Ou	tline					
Learn about	the breeds and	breeding manager	ment method	ds of exp	erimental ar	nimals, their involvement with anima
experiments	s, species and c	onservation, and in	ndividual an	d group	managemen	it.
_	-				-	
Lesson Plan	1					
1 Introdu	ction to labora	tory animal science	e: significan	ice of ani	mal experin	nents, definition and use of
laborate	ory animals, hi	story and future pr	ospects			
2 Ethics a	and regulations	of animal experin	nents			
3 Compar	rative biology	of various laborate	ory animals ((mice, ra	ts, hamsters	, gerbils, guinea pigs, rabbits).
4 Compar	rative biology	of various laborate	ory animals ((cats, dog	gs, pigs, and	monkeys, etc)
5 Breedir	ng and reprodu	ction of laboratory	animals			
6 Genetic	and microbio	logical control of l	aboratory ar	nimals		
7 Disease	models and g	enetically modified	d animals			
8 Extrapo	olation from an	imal experiments	to humans			
Feedback of	n Assignments	(exams, reports, e	etc.)			
Each instruc	ctor will be req	uired to write one	report, whic	h will be	returned ar	nd commented.
Course Not	00					
Course Not	es ere two sides t	a animal avnarima	nta it ia noo	accomuto	kaan your	own opinions alour so that you can
fully discuss	ate two sides to	o annual experime	ants, it is nec	th those	who discorre	by I hope you will attend the class
with this in	s life pros and v	cons of animal exp	bernnenns wi	un mose	wild disagre	e. I nope you will allend the class
Contents of	Prior and Pos	t-learning (prepar	etion and re	wiow)		
Although m	aterials will be	distributed each t	ime student	s are evr	ected to pre	mare for the class at their own
discretion §	still for review	students are expe	ected to orga	nize the	r notes on t	he class and materials
Evaluation	Method (inclu	, students are expe ding evaluation cr	iteria)		i notes on t	
A comprehe	nsive evaluation	on will be made ba	sed on class	participa	(30%)	final exam (50%) and report (20%)
				ranoip		(20,0), and report (20,0)
Textbook						
Distribute m	aterials as need	ed.				
Reference B	looks. Teaching	Materials, etc.				

最新実験動物学、朝倉書店

Course	W	íild Animal Sci	ence			MURAKAMI Takahiro
Course Period	2nd year, 2nd semester	Required subject 2 credits	Class format	lecture	Course Classific ation	Specialized Education
Objectives				1	1	1
The objectiv	ve of the course it	to understand histo	ries, proble	ems, and	characteris	stics of wildlife and domestic animals
such as zo	o animals. Reg	arding to wildlife,	students	learn bio	odiversity,	conservation, endangered species,
introduced s	species and their	problems with hum	ans. Regar	ding to d	lomestic a	nimals, students learn important rolls
and manage	ment of zoo anii	nals.				
In this lecture	une re we will lea	rn about the funda	mentals of	f wildlife	and don	pestic animals Evolution historical
perspectives	s, and biological	characteristics of t	hem. In ac	ldition. t	his course	aims to explain various knowledge
relate to wil	dlife and zoo and	imals; law system, s	study metho	ods, conf	licts with	human, and practical way to coexists
between ani	mals and human		2	·		
Lesson Plan	1					
1 Unders	tanding real prob	olems with wildlife				
2 Wildlife	e evolution, taxo	nomy, and biologic	al diversity	7		
3 Law sy	stem and nature	reserves for wildlife	e conservat	tion		
4 Wildlife	e study methods					
5 Charact	teristics and prob	olems of deer, serow	and boar			
6 Charact	teristics and prob	plems of bears				
7 Charact	teristics and prob	plems of fox, raccoo	on dog and	other wil	ldlife	
8 Charact	teristics and prob	olems of birds close	ly relate to	humans		
9 Overvie	ew of introduced	species; Damages	to original	ecosyste	m and cou	ntermeasures
10 Overvie	ew of endangere	d species and conse	rvation			
11 Overvie	ew of extinct spe	cies and controvers	ies of their	reintrod	uction	
12 Signific	cance of zoo and	zoo-animals				
13 Individ	ual and group ba	sed cares of zoo-an	imals and o	care for t	heir behav	ior
14 Manage	ement of zoo and	l zoo-animals				
15 How ca	n we coexists w	ith wildlife				
Feedback or	n Assignments (e	exams, reports, etc.))			
A quiz will	be given in eac	h class, and explan	ations, res	ponses a	ind comme	ents of the quiz will be given at the
Tollowing Cl	lass.					
It is recomm	nended to have w	vide interests in wild	llife proble	ms and z	oo animals	through daily news or other medias.
Contents of	Prior and Post-	learning (preparati	on and rev	iew)	oo ummun	inough dury news of other medias.
Prior learnin	ng: Before each o	class, check the poin	nts of the th	neme.		
Post-lesson	study: After each	h class, students sho	ould review	v essentia	l parts of t	he lecture and the quiz
Evaluation	Method (includi	ng evaluation crite	ria)	(2004)		(500)
The overall	evaluation will t	be based on regular	examinatio	ons(50%)) and quizz	ies(50%)
The textboo	k is not specified	d Materials will be	distributed	during t	he lecture	
Reference B	Sooks. Teaching	Materials, etc	aistituteu	auring t		
コアカリ野	生動物学、日本	野生動物医学会編	、文永堂出	版. Core	e curriculu	m; Wildlife biology, Japanese society
of zoo and	l wildlife medici	ne ed., Buneido pul	olishing			

Course	Regulatio	ons for Veterin	ary Nur	sing			Fukiko UEDA
Course Period	1st year, 1 st semester	Required subject 1 credit	Class format	lecture	Course Classific ation		Specialized Subjects
 Conjectives General medicine 'Aigando the Act (in Adminis 'Veterinar Public h Infectious Preventio Pharmac Quality, E 'Narcotics Act'. Lecture Ou Learn about nurse in soc Lesson Plan General veterina 'Aigand Admini Farmac General veterina 'Aigand Admini Public I for Patier Public I Pharmac Product Act') 	theory of law. and the relations oubutu-Kangosl ncluding licensir strative regulat ians Act', 2) the sealth administr is Diseases and 1 in Act'. ceutical administr Efficacy and Safe is and Psychotrop the basic laws iety. I Theory of Law I Theory of Law ary nurses) loubutu-Kangosh strative regulation strative regulation strative regulation health administration ceutical administration is Including Pha	To understand 1) to ship between animations, dutions related to outline of the 'Veter- cative regulations. Medical Care for 1 tration laws and re- ety of Products Incluics Control Act', 3) and regulations rela- in (Japanese Legal S w II (Laws and regu- tions related to Veteri- ons related to Veteri- ative regulations I ous Diseases') tive regulations II (stration laws and rmaceuticals and M	the legal sy l nurses and pe Veterinary rinary Pract To unders Patients wi egulations. uding Pharn the outline ating to ani System) gulations re Nursing Act nary medic nary medic ('Act on the ('Rabies Pre regulations <i>I</i> edical Dev	stem, 2) t d veterinar Act)'. To t enalties). medicin ice Act'. tand 1) th th Infection To und maceutica e of the 'Po mal care dated to v)' ine I ('Ve ne Prevent evention A ('Act on vices', 'Po	he laws ar ry medicin understand ne. To un he outline ous Diseas erstand 1) ls and Med oisonous a and to und veterinary feterinarian terinary Pr tion of Infe act') Securing isonous ar	nd rue. 1 1) nder of ses', the dica nd 1 ders med as A raction Qual nd I	egulations related to veterinary the purpose and definitions of stand 1) the outline of the the 'Act on the Prevention of 2) the outline of the 'Rabies outline of the 'Act on Securing 1 Devices', 2) the outline of the Deleterious Substances Control tand the role of the pet animal dicine and the involvement of ct') ice Act') ous Diseases and Medical Care hality, Efficacy and Safety of Deleterious Substances Control
Feedback o Summarize Course Not Write down Contents of Prior to the Post-lecture Evaluation Students are	on Assignments the scoring and o tes the points and n f Prior and Post lecture: prepare a study: Organize Method (includ e assessed based	(exams, reports, et communicate the pr otes of the lecture b -learning (prepara an overview of the the main points of ing evaluation crit on of a terminal exa	t c.) Toblem. Dy hand in a ation and r content usin each lecture teria) amination (notebook eview) ng key wo e. 70%) and	rds. class parti	cipa	ation (30%).
Textbook 愛玩動物看	護師カリキュ	ラム準拠教科書シ	リーズ 5	巻			

公衆衛生学/動物看護連法規/動物愛護・適正飼養関連法規 一般社団法人 日本動物保健看護系大学協会 カリキュラム委員会編、Eduward Press ISBN 978-4-86671-159-1 (in Japanese) Reference Books, Teaching Materials, etc.

Course	Regulations Proper Car	s for Animal e	Welfar	e and				KOJIMA Kayoko		
Course Period	1st year 1st semester	Required subject 1 credit	Class format	Lecture	Co Cla a	ourse assific tion	e Specialized Education			
Objectives										
Objectives 1.Basic concepts of Animal welfare and Proper animal care (1) Understand the Act to Animal welfare and Proper animal care, and the Role of Pet animal nurses. 2. Administrative Laws related to Animal welfare and Proper animal care (1) Understand the Act on Welfare and Management of animals (2) Understand the Act on Safety of Feeds and Pet foods 3. Social welfare administration and Environmental hygiene laws (1) Understand the Act on Assistance dogs for Persons with Physical disabilities (2) Understand the Regulations of Waste Management and Public Cleansing Law (3) Understand the Rendering plant control Act 4. Act and treaties related to wildlife (1) Understand the Act on the Prevention of Adverse Ecological Impacts Caused by Designated Invasive Alien Species (3) Understand the Convention on International Trade in Endangered Species of Wild Fauna and Flora (4) Understand the Act on Conservation of Endangered Species of Wild Fauna and Flora (5) Understand the Act on Wildlife Protection, Control, and Hunting Management										
(7) Unders (8) Unders	stand the System stand the System	for the protection on for the protection	of wild anin n of rearin	nals and panimals	plan an	ts unde d wild	er the	e Nature Park Law under the Act on Protection of		
	tline									
Understand	about various A	cts and regulations	related to A	nimal we	elfa	re and	prop	er animal care.		
And Unders	stand how Huma	n and Animals shou	ıld coexist.				rr			
Lesson Plan	1									
1 The Ro 2 Act on 3 Act on 4 Act on 5 Laws re 6 Laws re	 The Role of Pet Animal Nurses in Promoting Animal welfare and Proper Animal Care Act on Welfare and Management of animals Act on Safety of Feeds and Pet foods Act on Assistance dogs for Persons with Physical disabilities Laws related to environmental health Laws related to wildlife(1) 									
7 Laws re	elated to wildlife	2(2)								
8 Summa	ry and Review	A	<u>`````````````````````````````````````</u>							
In the next (n Assignments (e	exams, reports, etc.) views and o	upstions	in t	ha ranc	\rt			
Course Not	21855, 1050010 all		iews and g	uestions	III L	ne repo	Л			
None										
Contents of	Prior and Post-	learning (preparati	on and revi	iew)						
Prior learnin	g: Gather inform	ation, make your ow	n predictior	is, and ha	ve a	n opini	ion iı	n the next class.		
After learnin	ng Reflect on the	class content and sub	omit report							
Evaluation	Method (includi	ng evaluation crite	ria)							
The overall evaluation will be based on 40% participation in the class and 60% in the report and regular test										
lextbook 『愛玩動物	看護師カリキュ	ラム準拠教科書	5 巻 公衆	衛生学/	/動	物看護	関連	法規/動物愛護・適正飼養関		
連法規』	一般社団法人丨	日本動物保健看護系	系大学協会	カリキュ	. ラ.	ム委員	会刹	扁 エデュワードプレス		
Reference E Hand out ma	Reference Books, Teaching Materials, etc. Hand out materials in class									

Course		Medical safet	У				Mioko Honda				
Course Period	4 th year 2 nd semester	Electives 2credits, Required subject 2credits	Class format	Lecture	Course Classific ation		Specialized Education				
Objectives				,							
Safe securer	nent about medi	cal treatment is one	of most in	nportant p	problems	in a n	nedical site.				
It's understood to lean about human error and accident prevention and brew "Safe culture" by maintenance of medical supplies, a medical equipment and operational society.											
Lecture Out	Lecture Outline										
To aim symbiosis of an animal with a person, it's necessary to consider "One health" an animal medical site and pet allied industries about safety of idea animal medical treatment. Risk management such a exclusion, an accident prevention and recurrence prevention of dangerous factor, lecture based on casein detail.											
Lesson Plan 1 Medical safety and human factor. 2 Health care worker's mental attitude is re-recognized. 3 About differentiation, an investigation and analysis of medical safety. 4 Program creation of medical safety. 5 What is high business process of risk? 6 Index in medical safety and medicine related accident. 7 With the business process which influence safety. 8 Distinction of danger about a working environment. 9 Evaluation tool for medical safety and measured data collection. 10 Administrative report of desirable medical safety. 11 Redesign of business process to reduce an error. (Harm analysis and observation) 12 Source necessary to redesign in of business process. 13 About counter measure and order of priority. 14 A medical safety program on its workplace is estimated. 15 Summary. (from BCP to BCM) Feedback on Assignments (exams, reports, etc.)											
Course Note	es										
Have admira	ations in newsca	sting about medical	safety and	report.							
Personally, a	a problem is put	in order by point no	otebook.								
Contents of Prior and Post-learning (preparation and review) Be respectively about notice of next lecture contents and prepare. Evaluation Method (including evaluation criteria) Report submission and coordination a point notebook.											
Textbook											
It isn't design	nated in particula	r; Material is distrib	uted each ti	me.							
Reference B ISBN978-4- ISBN978-4-	ooks, Teaching 1 05–605000–4 GA 05–152383–4 GA	Materials, etc. KKEN, 1860500000 KKEN, 40–17500									

Course	Animal H	lealth Emergency N	lanagemen	ıt				⊖FUKUYAMA takaaki KOJIMA kayoko				
Course Period	4th year 2nd semester	Required subject 2 credits	Class format	lecture	Course Classific ation							
Objectives First, understand the risks of natural disasters in Japan, which is known as a disaster-prone country, and learn general disaster knowledge and disaster prevention knowledge. After that, learn about animal-related laws and regulations in the event of a disaster, secondary disasters caused by animals in the event of a disaster, and animal rescue activities in the event of a disaster, and understand the situation surrounding animals in the event of a disaster. In particular, from the perspective of animal nursing, the goal is to develop human resources who can propose new relationships between disasters and animals and more functional disaster mitigation methods.												
Learn from multiple perspectives on disaster crisis management for owners and domestic animals in Japan, where there is a lot of harm. We will explain the legislation related to disaster relief activities for domestic animals and exhibited animals, and the public-private integrated structure related to pet rescue. Report on the situation of animals affected by past disasters, report on animal rescue activities during disasters overseas, and explain secondary disasters that may affect neighboring areas regarding domestic animals and exhibited animals during disasters. In addition, we will study the current situation and issues of evacuation accompanied by pets and summarize the solutions to the issues for the future.												
Lesson Plan 1 Laws re 2 Predicte 3 Current 4 Rescue 5 Pet resc 6 Shelter	Lesson Plan 1 Laws related to animals during disasters 2 Predicted natural disasters in Japan 3 Current status of animals affected by the Great East Japan Earthquake 4 Rescue activities for animals affected by the Great East Japan Earthquake 5 Pet rescue activities in times of disaster											
7 Pet-rela 8 Future p 9 Cat and 10 Cat and 11 Disaster 12 Disaster 13 Damage	 6 Shelter work 7 Pet-related issues 8 Future pet-related issues 9 Cat and dog rescue activities 10 Cat and Dog Protection Activities Current Status and Issues of Administration 11 Disaster prevention for business registered as an Animal Handling Business 1 12 Disaster prevention for business registered as an Animal Handling Business 2 13 Damage Assumptions for Animal Handling Businesses 											
15 Explana Feedback of A model rep Course Note	 14 How to develop a business continuity plan for business an Animal Handling Business 15 Explanation of disaster prevention tools Feedback on Assignments (exams, reports, etc.) A model report will be given in class. 											
None Contents of Prior learnin	None Contents of Prior and Post-learning (preparation and review) Prior learning "Check the manual for the work to be done in each class session											
After-school study "Read the course content after each class. Evaluation Method (including evaluation criteria) Overall evaluation will be based on assignments (75%) and class participation (25%). Textbook												
Handouts and other materials will be distributed as needed. Reference Books, Teaching Materials, etc. Distribute materials in class												

Course	Comp	oanion Anii	nals-relat	ed Indu	ıstry			Yoshio Koshimura
Course Period	4th year Spring semester	Department of Animal Health Technology Required subject	Department of Human Animal Relations	Class format	lecture	Co Cla	ourse assific	Specialized Education
	semester	2 credits	credits			a	uon	[~[]
Objectives	. 151	· (p 1	1 7 1	(1. 1. 5		1 - 1	• \	
1. Protes	sional Eth	ncs of Pet-rela	ited Industry	(incl. Be	haviora	I Eth	1CS)	
I) Unc	lerstand re	esponsibilities	and social ro	ole (Prote	essional	Ethi	cs)	
2) Unc	lerstand o	verview of rela	ated regulation	ons in cor	nmercia	al tra	nsactio	on
3) Unc	lerstand p	rior explanatio	on meaning a	and neces	sity as v	vell a	is impl	lementation method
base	ed on Anir	nal welfare an	d manageme	ent law				
2. Breed	ding and c	caring of pet a	nd market siz	ze				
1) Unc	lerstand c	urrent pet bre	eding and ca	ring as we	ell as ov	ervie	w of p	et-related industry and market size
3. Curre	ent status	and issues of e	each pet-rela	ted indus	try			
1) Unc	lerstand c	current status	and issues of	of various	fields,	such	n as pe	et foods, pet products, pet-related
serv	ices (pet l	iving body sale	es, grooming	/healthca	re field	s, rec	reatio	n, sightseeing, funeral & memorial,
vete	rinary me	dicine, symbic	osis housing/	condomi	nium wi	ith p	et)	
4. Anim	al handlir	ng business						
1) Und	lerstand o	verview of ani	mal handling	g business	s system	l		
2) Und	lerstand n	ecessary pract	ical knowled	ge, anima	al handl	ing n	nethoo	l and hygiene management
as animal h	andling n	nanager						
(about 100 y	words)							
Lecture Ou	ıtline							
Understa	and profe	ssional ethic	es and beha	vioral e	thics,	as w	ell as	s needs and functions, overview
of vario	ous busin	esses consis	ting of pet	-related	indust	ry,	and p	ractical knowledge and methods
in animal	handling	business as	animal han	dling ma	nager			
.(about110	words)							
Lesson Plan	n · 1 1	• (• 1 1 1	• 1 1•	\ •	1 1	• 1		
Profes	sional eth	ics (incl. beha	avioral ethic	s) in pet-	-related	indi	ustry	I (Responsibility and social role,
profess	sional ethi	ICS)	- 1 ·	(:		1. : .	-) II	
2 Profest	sional ethi	ics in pet-relat	ea industry	(incl. ben	avioral	etnic	(S) 11	(Overview of related regulations in
comme	ercial tran	saction)	• 1 .1• `	\ •	1 . 1 *	1	. 11	
3 necess	ity as well	as implement	ation metho	d of Anim	nal welfa	ndus are a	nd ma	II (Prior explanation meaning and nagement law)
4 Breedi of mar	ng and ca ket size of	ring of pet and pet-related in	d market size idustry)	e (Currer	nt status	s of a	nimal	breeding and caring, and overview
5 Currer	nt status a	nd issues of ea	ch pet-relate	ed industi	ry (pet f	foods	s, pet p	products)
6 Groom	nt status a ning/healt	nd issues of ea hcare fields, re	ch pet-relate	ed industi ghtseeing.	ry (pet- funera	-relat l & n	ted ser	vices(pet living body sales, ial)
7 Currer	nt status	and issues	s of each	pet-rel	ated in	ndus	try (veterinary medicine, symbiosis
8 Anima	l handling	; business I	(Overview o	f animal ł	nandling	g bus	iness s	system)

- 9 Animal handling business II (Necessary practical knowledge, animal handling method and hyginene management as animal handling manager)
- 10 Macro information to be considered for working in pet-related industry
- 11 Method of studying problems and opportunities of pet-related industry
- 12 Method of business planning, strategies, tactics, programs on pet-related industry
- Future prospects of pet-related industry (population decline, decrease of children, increase of aged population, decline of pets and pet owring rates)
- Opportunities of pet-related industry (collaboration with other industries, development of new products and services, etc.)

15 Summary (Review of all lectures and understanding level of pet-related industry)

Feedback on Assignments (exams, reports, etc.)

Explanation of correct answers of mid-term exam and final exam

Course Notes

Distribute and explain materials for lectures. Required to bring materials delivered at the next lecture, as the

lecture and explanation may continue. Necessary to take notes. Take advantage of learnings at Q&A sessions.

Contents of Prior and Post-learning (preparation and review)

Gather questions in advance and make reviews after each lecture.

Evaluation Method (including evaluation criteria)

Overall evaluation based on: Q&A at lectures 10%, Mid-term exam results 40%, Final exam results 50%

Textbook

Not specified.

Reference Books, Teaching Materials, etc.

Not specified. Reference Book: Yoshio Koshimura's Book titled "Red Thread of Human Beings and Pets" issued by Gakken Publishing

Course	Pet Bu	siness Entrepr	eneursh	ір			Megumi Miyashita			
Course Period	4th year, Autumn semester	Department of Human Animal Relations Elective 2 credits	Class format	lectu re	Co Class	urse sificati on	Specialized Education			
Objectives				1			1			
In this course, students will learn about the current state of the various pet-related markets in Japan from data and actual examples, and explore products and services that could become business opportunities in the pet-related market. Students will acquire knowledge useful for employment in the pet-related market and management techniques for starting a business, aiming to improve their skills to be immediately effective in the pet industry. Lecture										
Lecture Ou	tline									
In this cours In order to s can be secur In addition, labor manag In addition, more practic Finally, as a	In this course, students will learn the knowledge necessary to start a business in the pet-related industry. In order to start a business, it is first necessary to understand the needs of the industry and find a field where profits can be secured. For this purpose, we analyze social trends, industry trends, and consumer trends. In addition, students will learn the basics of procedures for establishing a company, accounting, financing, taxes, labor management, and related laws and regulations. In addition, we will invite practitioners who have actually started their own businesses as guest speakers to learn more practical knowledge such as the secrets to successful entrepreneurship.									
Lesson Plan	l									
 Status of Pet-rela Status of Status of Status of Medicin Status of Medicin Status of Status of Pet-rela Pet-rela Employ Empl	 Status of the pet-related market (1): Companion animal market (distribution, problems, etc.) Pet-related Market Conditions (2): Analysis of Popular Dog & Cat Breeds Status of the pet-related market (3): Market analysis of pet-related products Status of the pet-related market (4): Market analysis of pet-related services Status of the Pet-Related Market (5): Current Status and Role of Pet Insurance (Promotion of Preventive Medicine) Status of the Pet-Related Market (6): Laws and Regulations Concerning the Pet Busines Status of the Pet-Related Market (7) Status and Analysis of Veterinary Hospitals Pet-related market conditions (8) Pet tourism Employment Situation in the Pet Industry (1) Knowledge about Employment - Labor Related Employment situation in the pet industry (2) Knowledge about employment - qualifications, etc. Case Study: Creating a Business Vision: The Story of a Purchase and Sale Business Plan (1): How to make a business plan - SWOT analysis, etc. Business Plan (3): How to make a business plan - Risk planning, etc. 									
Feedback of	n Assignments (e	exams, reports, etc.))							
Write comm	ents on the busi	ness plan form as fe	edback.							
Course Note In the latter of unavoida date, and ma Contents of	Course Notes In the latter half of the class, students will create a business plan and present it at the debriefing session. In the case of unavoidable absences, please notify the instructor in advance or ask for instructions from the instructor at a later date, and make a printout and bring it to the next lecture. Contents of Prior and Post-learning (preparation and review)									
Review of re	elated books and v	websites (60 minutes	s) is required	a as pri	or lear	ming, a	nd review of handouts (60 minutes) is			
required as p	ost-learning.	na evaluation oritor	ria)							
The overall e 30% on exar	Evaluation Method (including evaluation criteria) The overall evaluation will be based on 40% on class participation, 30% on business plan preparation and reporting, and 30% on examinations									
Textbook	Textbook									
None										
Reference B	Books, Teaching	Materials, etc.								
Materials wi	II be distributed a	as appropriate								

Course		Medical safet	У				Naoko Sugiyama				
Course Period	4th year, Autumn semester	Department of Human Animal RelationsElective 2 credits	Class format	Lecture	Co Cla a	ourse assific tion	Specialized Education				
Objectives	bjectives										
The goal is	The goal is for animal professionals to be able to consider the relationship with owners of companion animals as										
consumers b	consumers based on the findings of behavior analysis.										
Lecture Ou	tline										
It is an	interdisciplinar	y social science	ce that	includes	5	elemer	nts of psychology, sociology,				
social antl	nropology, marke	eting, economics, a	nd statistic	s. It has	beei	n consi	dered difficult to accurately predict				
consumer b	ehavior. This r	presentation will	explain	the	pro	gress	that has been made by				
analyzing	how consumer	emotions, attitu	udes. and	preferen	ces	affect	consumer behavior.				
Lesson Plan	1		,	r							
1 What T	hinking about co	onsumers from the f	ramework	of behav	ior a	nalvsi	sis Behavior Analysis?				
2 Thinkir	ig about consum	ers from the framev	vork of beh	avior and	alvs	is	olo Donavioi i margolo.				
3 Basic P	rinciples of Beh	avior (1). Responde	nt Behavio	r	ary o						
4 Applica	tion of Principle	s of Behavior (1): F	Respondent	Behavio	r						
5 Basic n	rinciples of beha	vior (2): operant be	havior	Denuvio	1						
6 Applic	ation of the princ	inles of behavior (?): operant l	havior							
7 behavio	oral economics		.). operant (
8 Models	of Consumer Be	havior									
9 Market	ing and Consume	ars									
10 Organiz	and Consum vational Behavior	r Management									
11 How to	change people a	nd organizations									
12 Votorin	enalige people a	d Marketing									
12 Veterma 13 Pet Stor	res and Marketin	a Marketing									
14 Market	ing in Zoos	5									
14 Market	ing in Aquarium										
To Warket	ng mAquarums	voma nononta oto)								
Feeuback of	ii Assignments (e	exams, reports, etc.)								
Course Not	26										
The class y	vill be conducted	d in the form of e	vercises f	ocusing	011	nrior s	tudy (research report writing) and				
presentation	The number of	f students will be li	mited so n	lease he	on j care	ful wh	en registering				
Contonts of	Prior and Post I	appring (proporti	on and row	icase be	care	iui wii	en registering.				
Drior loornin	r Docoarch and r	earning (preparation	on and revi	lew)							
Phot learning	g. Research and i	eport writing									
Fusi-learning	5 Mathad (includi	na avaluation aritar	rio)								
Comprehend	ive evolution wi	ll be mede based on	the regular	oxom (5()0/)	nrior	tudy and presentation (50%)				
Comprehens		n de made dased Oll	me regular	orani (30	, 70) ,	prior 8	and presentation (30%).				
Textbook											
Not specified	1 Materials will 1	e distributed as need	ded								
1 tot specific			uvu.								
Reference B	looks. Teaching	Materials etc									
Not specifi	ed Materiale u	ill be distributed	as noodod								
1 100 SPCCIII	ca. materiais w		us necueu	•							

Course	Informa	ntion Risk Man	agemen	t			WAKABAYASHI Yoshihiro					
Course Period	4th year 1st semester	Department of Human Animal Relations Electives 2 credits	Class format	Lect ure	Course Classificati on Specialized Education [Specialized Subjects							
Objectives												
Students wi	ill learn about th	e various dangers i	in the infor	matior	n socie	ety and	l understand information ethics and					
information	morals. Individu	als are expected to	be able to p	rotect	thems	elves a	ppropriately and to be able to choose					
appropriate	measures and ov	vercome crises in ca	use of incide	ents or	accid	ents in	the online society. In addition, they					
will learn at	out information	security incidents in	n companie	s and c	laily o	peratic	ons that occur after getting a job, and					
aim to prop	ose information	security for compan	ies and dai	ly oper	ations	5.						
Lecture Ou	tline											
In today's in	nformation socie	ety, companies mak	e maximun	n use o	of info	ormatic	on in their business activities, and a					
wide range	of generations ar	e benefiting from va	arious servi	ces in t	he Int	ernet s	ociety. On the other hand, many new					
problems ar	nd crimes related	to information are	occurring a	nd hav	e beco	ome a s	social issue. This course will discuss					
problems a	nd risk manage	ment in the advan	nced inform	nation	socie	ty, per	sonal level security against social					
networking	services and co	mputer viruses, ris	k managen	nent fo	or con	panies	s and organizations, how to handle					
information	appropriately, a	nd how to deal with	problems v	when t	hey oc	cur.						
Lesson Plan	1				,							
1 Guidan	ce, What is Info	rmation Security?										
2 Danger	s of a Networke	d Society										
3 Informa	ation Ethics and	Information Morali	ty									
4 Examp	les of personal ir	nformation security	incidents									
5 What is	s malware?	5										
6 Law an	d Privacy											
7 Informa	ation security an	d risk management	that individ	luals ca	an do							
8 How In	formation Secur	ity Works										
9 Examp	les of corporate i	information security	v incidents									
10 Informa	ation security inc	cidents in daily oper	ations									
11 Informa	ation Security fo	r Telework										
12 Legal a	and Corporate Co	ompliance										
13 Corpor	ate information s	security measures										
14 Informa	ation Security an	d Risk Managemen	ıt									
15 Summa	ry of Informatio	n Security										
Feedback o	n Assignments (e	exams, reports, etc.))									
The assignment	nent will be expl	ained in the next se	ssion.									
Course Not	es											
Students are	e expected to wo	rk independently or	n exercises	and as	signm	ents. A	ttitude toward the class and grading					
will be expl	ained in the first	session.										
Contents of	Prior and Post-	learning (preparati	on and revi	iew)								
Do some re	search on the top	oic of the class.										
Evaluation	Method (includi	ng evaluation criter	ria)									
The overall	evaluation will	be based on quizze	es (20%), ir	n-class	exam	ination	as or reports (60%), and a proactive					
approach to	approach to learning (20%).											
Textbook	Textbook											
Not specifie	ed. Materials wil	l be distributed as n	ecessary.									
Reference I	Books, Teaching	Materials, etc.	J .									
None in par	ticular											
Course		Animals in Ar	t				Saito Kosuke					
-----------------------	--------------------------	---	-----------------	---------------	------------------------------	---------------	---	--	--	--	--	--
Course Period	1st year 1st semester	Department of Human Animal Relations Elective 1 credit	Class format	exerci ses	Course Classificati on	Spe	Specialized Education [Specialized Subjects]					
Objectives	Objectives											
The goal is	s to develop a se	nse of balance and	spatial awa	reness	by capturing	textu	re, composition, and changes in					
objects throu	igh drawing.		-									
Lecture Ou	tline											
By drawing	g pets as subjects	s for sketching, stud	ents will de	evelop	an interest ir	anir	nals and learn the differences in					
composition	, balance, texture	, and observation ski	lls. Also, by	expres	sing animals	on na	tural stone, students will develop					
their modeling	ng skills and ima	gination and underst	and three-d	imensi	onal objects.	By h	aving students draw the world of					
animals with	their own free i	deas, they will pract	ice to acqui	ire orig	inal expression	on, co	omposition, imagination, and the					
ability to loc	k at things objec	tively.										
Lesson Plan	1											
1 About p	ainting, asic drav	wing(1) Learning the	tone of light	ht and o	lark through	penci	l drawing					
2 Basic D	rawing (2) Direc	tion of hatching, exp	pression of v	vide ra	nge of gradat	ion, r	novement, expression of balance					
Basic D	rawing 1) Learn	texture, composition	n, and tone	of ligh	t and dark us	ing p	encil, dermatograph (white), and					
containe	er (white).		· · ·	6.1		1	• • • • • • • • • •					
4 Basic L	Drawing (2) Lear	n texture, compositi	ion, and to	ne of li	ight and dark	by	using dermatograph (white) and					
compos	tion (white).	aritiqua										
5 Comple	drawing (drawing	cillique	1) 1) Consid	lar com	position and	halan	ca and grash their characteristics					
7 Animal	drawing (drawing	g animals around you σ animals around you	(1) (2) Draw	v with t	he direction of	of the	hair in mind					
8 Animal	drawing (drawin	g animals around yo	(2) Diam	nletion	of work and	critic						
Three-d	imensional expre	ssion using natural	stone (1) Ev	voress 1	the face (hear	1) and	the whole body with the image					
9 of an an	imal	ssion using natural		Apress	the face (field	<i>i)</i> and	d the whole body with the image					
Three-d	imensional expre	ession using natural	stone (2) U	Underst	anding and o	ligest	ting the wonder of natural stone					
¹⁰ modelin	Ig	0			8	0	8					
11 Three-d	imensional expre	ession using natural s	stone (3) Co	mpleti	on and critiqu	e of	the work					
12 The Wo	orld of Animals ((Living Things) 1) 7	Think about	comp	osition and c	ompo	osition of the picture, and freely					
¹² include	various living thi	ings in the same pict	ure.									
13 The Wo	orld of Animals ((Living Things) 2) 7	Think about	compo	osition and c	ompo	osition of the picture, and freely					
¹⁵ include	various living thi	ings in the same pict	ure.									
14 The Wo	orld of Animals (Living Things) 3) 7	Think about	compo	osition and c	ompo	osition of the picture, and freely					
include	various living the	ings in the same pict	ure.									
15 Review	and Joint Critiqu	ie	<u>`</u>									
Feedback of	n Assignments (exams, reports, etc.)	001	.11 1							
There will be	e no exams or rep	ports, as this is a han	ds-on class.	There	will be no ex	am o	r report.					
Course Not	es		4									
Don't forget	to bring somethin	ng for each assignme	ent.	•)								
Contents of	Prior and Post-	learning (preparati	on and rev	iew)	on in 15 loss	0.000	At the start of each assignment					
basically, ul	be given en eve	longition of the control	ssignments	are giv	ell III 13 less	Stud	At the start of each assignment,					
Students sho	uld be prepared f	for this In addition	through a re	view o	f each assign	ment	students should be motivated to					
see if they w	vere able to achiev	ve their goals and fu	llv demonst	rate the	ir abilities s	o that	t they can take the next step. Due					
to the nature	of the practical y	work if you are unal	ble to comp	lete the	work during	the c	class time be sure to finish it and					
submit it.	or the practical	voni, ii jou uio unu			work during	une e						
Evaluation	Method (includi	ng evaluation crite	ria)									
Comprehens	ive evaluation ba	sed on the evaluation	n of the wor	k for ea	ach assignme	nt (90	0%) and class participation (10%)					
Textbook					8	(- 0	, <u>r</u> <u>r</u> (-3/0)					
Not specifie	d											
Reference B	Books, Teaching	Materials, etc.										
Mitsutsune 7	Fanaka "Animal V	World" Photo Collect	tion *Drawi	ing Ma	terials Leona	do da	a Vinci Michelangelo					
Ueno Zoo gi	aph by Albrecht	Dürer Oil Painting N	Aterials (A	nimal V	Works) Henri	Rous	sseau					
Salvador Da	li Acrylic works	(animal works) Worl	d Smith		• 							

Course	An	imal Cultural Anthi	ropology			OKUNO Takuji						
Course period	3 rd year, Spring semester	Elective 2 credits	Class format	lecture	Course classificat ion	irse ificat Specialized Education						
Objectives												
To learn	about the diver	rse cultures of the w	vorld and th	neir views	on animals	, and to understand the diversity and						
relativity of	the relationsh	ip between human	s and anin	nals and	the concept	of animal welfare. Based on this						
understandin	g, the goal is fo	or students to be able	to construc	t their own	n internation	ally accepted ideas about how animal						
nursing shou	ld be in the nea	r future.										
Lecture out	line											
This cours	se will explain t	opics in cultural antl	hropology, e	especially	those related	d to the relationship between animals,						
humans, and	peoples. The co	ourse will begin with	n the structu	ralist and	functionalis	t approaches of cultural anthropology,						
and will the	n move on to fi	eldwork, qualitative	research, a	nd other n	nethodologi	es. The lecturer will then move on to						
discuss each	of the topics th	at he or she has inve	stigated an	d research	ed, such as s	sericulture, cormorants, fowl farming,						
folk art relat	ed to living cre	atures, and Cool Jap	an, and will	ll consider	the relation	ship between humans and animals in						
the near futu	re.											
Lesson plan												
1 Orient	tation: • • •	• What is culture?										
2 Perspe	ectives on animatic	al cultural anthropol	ogy•••	• Cultural	anthropolo	gy emerged from primatology and						
animals	sociology	1	05		1							
3 Metho	ods of Cultural A	AnthropologyField	work. Com	parison an	d Decipherr	nent						
4 Relati	onshin between	animals and human	s•••Va	rious view	s of animals							
5 Hunti	a and farming	societies. Structure	and function	n of cultur	es that "eat"	animals and plants						
6 Animi	sm Totemism	Shamanism Primit	ive forms c	f religion	and views o	animals and plants						
	siii, ioteinisiii,			of Cultures	and views 0	and "Tourist Commonstel" in Isran						
					in the world	and Tourist Cormorants in Japan						
8 How I	ong nave chick	ens been in the garde	en?									
9 Cultur	al Anthropolog	y of Dogs and Cats				C !! . 1 1C !! 1 /						
10 was	there ever a de	cree of mercy for all	l living crea	itures"? Co	omparison o	i "animal welfare" between						
Christia	nity and East A	sian polytheism										
11 Issue	s of pet animals	s in modern civilizat	10n	i a								
12 Culti	iral Anthropolo	gy of Modern Societ	ty: A Marke	eting Surve	ey							
13 Anin	hation and Anin	hal Animism: From	Birds and I	Beasts Car	icatures" to	"The Firebird" and Ghibli						
14 Hum	ans and Animal	ls in the Near Future	• • • •	Robots and	d Genetic Ei	ngineering						
15 Hum	an History fron	n the Coronavirus Pe	erspective •	• • Socia	al Transforn	nation by Selfish Genes						
Easthash a	-	(.)									
Feedback of	n assignments	(exams, reports, etc)	•	4 11 1							
At the begin	ning of each se	ession, questions iro	m the prev	ious repor	t will be an	swered. In addition, opinions will be						
reported (and	onymously) and	a discussed by the stu	idents.									
Course Not	es Cul D		•.1	. 1 .	1.1.1.1.1.1	• 1						
Taking pictu	res of the Powe	rPoint presentation v	with a smar	tphone is p	prohibited du	uring class.						
Contents of	prior and post	-learning (preparat	tion and re	view)								
Be sure to ch books.	neck and unders	tand the names of pe	eople and te	chnical tei	ms mention	led in each lesson on the Internet or in						
Evaluation	method (includ	ling evaluation crit	eria)									
Evaluation w	ill be based on	the total class partic	ipation (50	%) and per	iodic exami	nations (50%).						
Ouestions, opinions, and attitudes during the lecture will be scored in addition to the above												
Textbook	, 	see in the										
Not stipulate	d. Necessarv re	sumes will be distrib	outed.									

Reference books, teaching materials, etc.

None

Course	ŀ	Aquatic Zoolog	<u>5</u> y					ISHIKAWA Makiko			
Course Period	3rd year, 2nd semester	Elective 2 credits	Class format	Lect ure	Co Class	urse sificati on	Spe	cialized Education [Specialized Subjects]			
Objectives				1			1				
The objective that have acc Specifically aquatic anin human bein	The objective of this course is to deepen students' understanding of the biological characteristics of aquatic animals that have adapted to an underwater environment different from that on land, and their relationship with humans. Specifically, students are expected to be able to explain the classification, morphology, ecology, and physiology of aquatic animals, to explain their relationship with human activities and the environment, and to consider how human beings and aquatic animals coexist.										
Lecture Ou This lecture will also le managing p animals and on the basic	tline focuses on aqua arn about aquat ublic aquarium a humans, conser morphology, ec	atic animals that livic animal husbandin nimals, and aquacul vation, and resource ology, relationship	ve in rivers, ry and dise ture. Stude e managem with humar	, lakes, eases in nts will ent. Ba ns, and	, mars n relat l also l ased o resou	hes, gr tion to earn al n this ι rce ma	ound kee bout t inder nage	lwater, and the ocean. Students ping ornamental fish at home, the relationship between aquatic rstanding, lectures will be given ment of aquatic animals.			
Lesson Plar 1 Orienta 2 Invertel 3 Fishes 4 Amphil 5 Aquatio 6 Habitat 7 Disease 8 Breedin 9 Display 10 Disease 11 Breedin 12 Display 13 Relatio 14 Conser 15 Summa Feedback on Feedback on	tion brates brates bians and Reptile c Mammals and Ecology of es of Aquatic Anin g of aquatic anin of aquatic anin of aquatic anin of aquatic anin of aquatic anin of aquatic anin y of aquatic anin of aquatic anin nship between hi vation and resou rry and examinat n Assignments (e n quizzes and rep	es Aquatic Animals imals (Fishes) mals (Fishes) mals (fishes) mals (mammals) mals (mammals) mals (mammals) umans and aquatic a rce management of ions exams, reports, etc. ports will be given i	animals aquatic ani) n the lectur	mals re.							
None Contents of	Drior and Dost	looming (nuonovoti	on and ravi	iow)							
Read the ha	ndouts and relate	ed books before and	after the le	ecture.							
Examination	ns (50%); exerci	ses and quizzes (50	%), will be	used f	or eva	luatior	1.				
Textbook None											
Reference E 獣医学教育 Other refere	Books, Teaching 「モデル・コア ence books will b	Materials, etc. ・カリキュラム準 be introduced in the	拠 魚病 lecture.	学,児	玉洋閣	监修,	2019	年,緑書房			

Course	Zoo &	z Aquarium	Science			KOMIYA Teruyuki					
Course Period	3 rd yearElectivesClassCourse1 st semester2 creditsformatLectureCourseClassificationSpecialized Education										
Objectives	1										
The social r	The social role of zoo and aquarium has changed with history. Traditionally, it has been said to have four roles:										
for recreation, learning about the environment, conservation of wildlife and research. Recently, the function of a healing place for people's hearts has been added. In the first half of the lecture, you will learn about the future direction the history of zoos and aquariums. In the second half, lectures will be given on specific activities of the current situation, and the goal is to acquire a wealth of knowledge about zoos and aquariums knowledge that can consider the ideal state of zoos and aquariums that society demands.											
Lecture Out	tline										
After explai methods, ex behavior ma introduced. population of partnerships understand a	Lecture Outline After explaining the history of zoos and aquariums in Japan and around the world, current breeding management methods, exhibition methods, breeding / collection / individual identification methods, nutrition management, behavior management, facility prevention, quarantine, etc. Specific examples of some animal species will be introduced. By studying these, fields such as comprehensive conservation activities in zoos and aquariums, wild population conservation, science and research, population management, education and training, communication, partnerships, sustainable resource use, animal welfare and ethics, etc. Lectures will be given to help students understand and raise awareness of future issues										
Lesson Plan	1	••	/ C :1								
 What to History Postward History Species Internation Breeding Creating Breeding Conservation Breeding Conservation Breeding Conservation Breeding Conservation Conservation Breeding Conservation Conservation Breeding Conservation Conservati	of zoos & aquariu of zoos & aquariu of Zoo & Aquariu conservation / 1 cional cooperation g technology of n g a fascinating exh og technology of b vation technology of exhibition and l ation / data collect status and conser on of life aquarium science n Assignments (ex nd to the impressio	and units science and units (1) and Ueno Zoo am (2) Extra-regional for the conserv- nammals hibition birds breeding in the tion at zoos approaction of Japar Summary ams, reports, e ons and questio	conservatio vation of ra aquarium plication to nese native etc.) ons in the ne	wild anim livestock	and give feedb	ack to the students/					
Course Not		ons and questio			and give recub						
It is desirabl specific exa Contents of Pre-learning	e to take wild zool mples of rare anin Prior and Post-le : Read the relevant	ogy together w nal conservatio arning (prepar items in the de	ith the theor n, so it is ear tion and r signated tex	ry of zoos asy to und review) tbook befo	and aquariums. erstand if you r ore each lesson.	The designated textbook contains ead it.					
Post-learning	g: Review with rela	ated books and a	autograph n	otes after e	each lesson.						
Evaluation	Method (including	g evaluation cr	iteria)								
Atendance	(30%) Impression	memo (40%)	Regular ex	xams (30)%)						
Textbook もっと知り 動物園では Reference B 物語上野動 こ00っと 日本の家畜	たい 動物園とれ たらく 小宮輝ス Gooks, Teaching M 物園の歴史 小習 たのしー!動物園 ・家禽 秋篠宮3	k族館 小宮輝 之著 イースト laterials, etc. 宮輝之著 中公 園 小宮輝之著 文仁・小宮輝之	^軍 之著 メデ レス 新書 音 文一総 た 大 業 学 で 大 デ レス	ディアパ/ 今出版 研	ν						

Course		Pestology						Tsutomu Tanikawa					
Course Period	2nd semester	Electives 2 credits	Class format	Lect ure Course Classificati Specialized Education on									
Objectives	Objectives												
To learn abo	out pests, we acc	uire knowledge ab	out the ecol	logy ar	nd cou	nterm	easur	es of living organisms that live					
in close pro- these harmfu industries d composite v	n close proximity in human and other living environments. The goal of the lecture is to learn about the ecology of hese harmful organisms and to be able to develop control measures and countermeasures. On the other hand, some ndustries deal with organisms, while others control harmful organisms. The English name "Pestorogy" is a composite word for "pest" and "logic," meaning "the study of plague."												
Lecture Out	tline												
In recent yea febrile thror frequently in In this lectur basic knowle	rrs, the harm to hu nbocytopenia (Sl wolved. In this w re, we divide pest edge, and give a l	Imans caused by inv FTS) has gained att ay, pests enter the liv s into rats, insects, ti ecture on how to era	isible organ cention. In a ving area an cks, and oth dicate and c	isms su addition d cause hers, cla levelop	ich as l n, hari e many assify t o preve	highly nful a harm he dan ntive r	patho nimal to peo nage o neasu	genic avian influenza and severe s, such as rats and insects, are ople, food, household goods, etc. caused by them, learn about their ires.					
Lesson Plan													
1 Introduc	ction to pests												
2 Fundam	ientals of pests												
3 Ecology	and control of 1	rats and mouse											
4 Ecology	and control of c	ockroach											
5 Ecology	and control of fl	ies											
6 Ecology	and control of m	nosquitoes (including	g bloodsuck	ing ins	ects)								
7 Ecology	and control of P	ets Related to ticks,	fleas, etc.										
8 Ecology	and control of b	ed bugs, ants, bees, t	termites, and	d other	living	organi	sms t	hat can be found in houses					
9 Ecology	and control of m	nasked palm civet, ra	accoon, bats	, pigeo	ns, etc								
10 Introduc	ction of other san	itary, unpleasant, and	d food pests										
11 Disinfee	ction and prepara	tion of new-type cor	onavirus <u>(co</u>	ovid-1	<u>9)</u> infe	ection							
12 Environ	mental improven	nent and IPM contro	l methods										
13 Chemic	al control method	ls (insecticides, rode	nticides, rep	pellents	, etc.)								
14 Control	method by captu	ring											
15 Summa	ry												
Feedback of	n Assignments (e	exams, reports, etc.											
Questions an	nd answers are an	swered directly or by	y e-mail afte	er comp	oletion	of the	class.	If the questions and answers are					
necessary for	r the entire audito	or, they will be expla	ined in the	next cla	ass.								
Course Note	es		T 11	. 1			1						
Classes are	based on hando	uts and PowerPoint	s. To enabl	e stude	ents to		ely w	rite down important matters in					
notebooks, a	ind to strive to cr	eate nandwritten not	ebooks and	to mm	ny esta	adiish	ne m	emory. Understand the handouts					
Contents of	Prior and Post-	earning (nronarati	on and revi	ow)									
To confirm t	he class plan in a	dvance and to prepa	re for the co	ontents	thereo	f Post		aroom: Check the contents of the					
lecture and t	lecture and the materials distributed after each lesson.												
Evaluation	Method (includi	ng evaluation crite	ria)										
Comprehens	ive evaluations a	re based on the final	report (70%	(and (class p	articip	ation	(30%).					
Textbook													
Nothing in p	Nothing in particular. Materials are distributed during lectures.												
Defenerce D	ooka Taachin-1	Motomicla ato											
Ohm Co. I t	d Tanikawa et a	Lo I td Acclary	ra Shotan C	o I tal	Tonil	ZOWO O	· a1 C	'o I the and others					
Cinii Co., Lt	u., Tailikawa et a	I. CO., LIU., ASaKU		o., Lla.	, 12111	awa el	. al. C	o., Liu., and others					
<u> </u>													

Course		Scientific Engl	ish			OGURO Mieko				
Course Period	3 rd year, 1 st semester	Electives/2 credits	Class format	lecture	Course Classific ation	Specialized Education				
Objectives					ution					
The science required by the Animal Nursing and Animal-Human Relations majors is international, and academic progress is rapid. Students need to read English reference books, documents, and articles in scientific English from a global perspective. This course aims to provide students with the skills to read and understand basic scientific English and articles in graduation research. In addition, as we become more familiar with the international community, listening to English has become necessary in fields related to animals, animal-human relations, and related scientific fields. Lecture Outline The course will begin with understanding the structure of English sentences unique to Science English and a mastery of technical terms, related vocabulary, and terminology. In addition, students will read specialized English textbooks to be able to use their reading skills practically. In addition, students will learn to use their ears and mouths to learn English by listening to CDs, reading aloud repeatedly, and explaining scientific English in specialized fields.										
Lesson Plan	l	English courses	How to leave	m Scienc	e English?)				
2 Animal 2 Animal 3 Animal 4 Animal 5 Animal 6 Animal 7 Animal 8 Related 9 Related 10 Related 11 Related 12 Animal 13 Topics 14 Topics 15 Review	Lesson Plan 1 Introduction to Science English courses. How to learn Science English? 2 Animal Nursing related: Animal Biology, Cells & Basic Tissues 3 Animal Nursing related: Blood 4 Animal Nursing related: Bone 5 Animal Nursing related: Bone 6 Animal Nursing related: Basic Nutrition (1) 7 Animal Nursing related: Basic Nutrition (2) 8 Related to Animal Human Relations: How Dogs Think inside the Canine Mind 9 Related to Animal Human Estudies: Amazing Tales of Amazing Dogs Doing Utterly Amazing Things 10 Related to Animal Human Relations: The Golden Retriever Who Saved a Baby Deer 11 Related to Animal Humane Society: The One-Eyed Rescue Who Shifferd out Skin Cancer 12 Animal Human Relations: A Dog's Five Senses: They are just Like Ours-But not 13 Topics provided and presented by students (1) 14 Topics provided and presented by students (2) 15 Review and final exam									
Exams and	massignments (e	xplained and critic) Jed as nece	ssarv						
Course Note Moodle will	es be used to distr	ibute notices and cl	ass reference	ce materi	als, so keej	p an eye out for them.				
Contents of Prior and Post-learning (preparation and review) Prior-learning: Students are expected to look up the vocabulary in the handouts distributed in class. Post-learning: Take notes on important vocabulary and expressions. Evaluation Method (including evaluation criteria) The overall evaluation will be made on the basis of 40 % normal points (including quizzes) and 60 % final exam.										
Textbook										
handout	handout									
Reference E Animal Bio Time Specia	Books, Teaching logy and Care, S al Edition How I	Materials, etc. ue Dallas, Blackwe Dogs Think 2018 Ti	ll Science me Inc. Bo	oks						

Course		Academic Skills				Noriko Niijima
Course Period	3rd year Spring semester	Department of Animal and Human Relations Compulsory subjects 2 credits	Class format	lectu re	Course Classificati on	Specialized Education [General Subject].

Objectives

This course aims to learn research methods related to "Animal and Human Relations" necessary to write a graduation thesis.

Lecture Outline

In this course, students learn how to conduct research related to "Animal and Human Studies" and how to write a graduation thesis. Specifically, students will learn how to select a research topic, choose a research method, search and cite literature, formulate a research plan, consider ethics in research, collect and analyze data, compose a thesis, write and refine a manuscript, give an oral presentation, and submit a thesis to an academic journal.

Lesson Plan

- 1 Preparing to start researching
- 2 How to choose a research topic
- 3 Choosing a Research Method 1 (Literature Research)
- 4 Choosing a Research Method 2 (Case Study)
- 5 Choosing a Research Method 3 (Theoretical Research)
- 6 Choosing a Research Method 4 (Survey Research)
- 7 Choosing a Research Methods 5 (Experimental Research)
- 8 How to search for and describe literature, how to cite materials, and how to pay attention to copyrights and portrait rights.
- 9 Developing a research plan
- 10 Ethical considerations in research 1
- 11 Ethical considerations in research 2
- 12 Data collection and analysis methods
- 13 How to organize and structure a paper
- 14 How to write and revise a manuscript
- 15 How to make an oral presentation, how to submit to academic journals, and other means of publishing research results
- Feedback on Assignments (exams, reports, etc.)

Students will be required to submit assignments as needed. In principle, assignments will not be returned, but explanations and answers to questions will be provided as feedback as necessary.

Course Notes

Please check Moodle frequently for latest announcements, class reference materials, etc., and pay attention to communications from your instructor.

Contents of Prior and Post-learning (preparation and review)

Follow the instructions on Moodle and in class for the necessary preparation and review.

Evaluation Method (including evaluation criteria)

Overall evaluation will be based on class participation (50%) and reports and other submissions (50%).

Textbook

None. Will be notified in class or on Moodle as needed.

Reference Books, Teaching Materials, etc.

None. Will be notified in class or on Moodle as needed.

Course						ISHIKAWA Makiko			
Course Period	2nd year, 1st semester	Electives 2 credits	Class format	Lect ure	t Course Classificati on Subject]				
Objectives				i	~		1		
The purpos	e of this lectur	e is to learn the s	standard st	atistica	al met	hods	to ur	nderstand the overall trend of	
experimenta factors, and	l results when u to draw the corr	sing animals, to dea ect inferences.	al with expe	erimen	tal err	ors cau	ised l	by various external and internal	
Lecture Out	line								
In this cour	se, students will	ll learn and approp	oriately use	statis	tical 1	nethod	ls to	quantitatively and objectively	
understand t	he trends and ch	aracteristics of spec	ific animal	groups	s as arg	gumen	ts for	academic papers. Students will	
also learn te	chniques for org	anizing, analyzing,	and chartin	ng vari	ous ty	pes of	info	rmation and data obtained from	
surveys and	experiments re	lated to the research	h subject o	n a co	mpute	r. Basi	ic sta	tistics such as mean, variance,	
standard de	viation, and con	relation coefficient	, as well a	as som	e sim	ple an	d ve	rsatile statistical tests, will be	
explained.									
Lesson Plan	ation								
2 Populat	ion and Samples	7							
3 Distribu	itions	,							
4 Varianc	e. Standard Dev	iation. Standard Err	or						
5 Summa	ry on Descriptiv	e Statistics; Exercis	ses and Qui	zzes.					
6 Estimat	ion and Testing								
7 Hypothe	esis Testing (1) : '	Two Independent Sa	mples with	Equal 9	Sample	e Sizes	_		
8 Hypothe	esis Testing (2) :	Two Independent Sa	mples with	Differe	nt Sar	nple Si	zes.		
9 Hypothe	esis Testing (3) :	Dependent samples	1			1			
10 Summa	ry on the Estima	tion and Testing; E	xercises an	d Quiz	zes.				
11 Analysi	s of Variance								
12 Chi-squ	ared Tests								
13 Correla	tion								
14 Regress	ion								
15 Review	; Examination	ward war anta ata	<u></u>						
Feedback or	Assignments (wizzes will be give) n in the lect	ure					
I COUDACK OF	r excretises and e	uizzes will be given		urc.					
Course Note	es								
Students are	required to brin	g a calculator capab	le of calcul	ating s	quare	roots a	and a	ble to display 10 or more digits.	
Contents of	Prior and Post-	learning (preparati	on and revi	iew)					
Prior learnin	g: Read the han	douts related to the	class conte	nt care	fully.				
Post learnin	g: Review the cl	ass contents and do	the exercis	ses.					
E	Madha d (in alm di								
Examination	ns (50%); exerci	ses and quizzes (50 ^o	%), will be	used f	or eva	luatior	1.		
Textbook									
Handouts w	ill be distributed	as necessary.							
Reference B	ooks, Teaching	Materials, etc.							
計量生物学	生物統計の基	磁と演習 田中一	栄 (監修)	天野	卓、	野村こ	こう、	横濱道成編著 三共出版	
Other refero	nce books will k	e introduced in the	lecture	-			•		
			icciule.						

Course	Practio	ce in Animal Health	ı Technolog	3y				Shinichiro Imamura				
Course period	4th year, Autumn semester	Elective 1 credit	Class format	exercises	ses Course classificat ion Specialized Education [General Subject]							
Objectives												
This course is designed to provide a comprehensive overview of animal nursing studied for four years and establish												
specialized k	nowledge. The	goal is for students	to be able t	to integrat	e the	knowl	edge	of the specialized basic subjects				
with the kno	wledge of the sp	pecialized clinical su	bjects, and	to be able	to us	se this k	now	ledge in a variety of hypothetical				
situations.												
Lecture out	line											
The basic	knowledge of	anatomy, physiology	, pathology	, and pha	rmaco	ology, v	whicl	h are the primary subjects of the				
specialty, wi	ll be reconfirm	ed. Then, repeated e	exercises wi	ill be cond	lucte	d to ap	ply a	and utilize this knowledge in the				
clinical subje	ects.											
Lesson plan	l											
1 Organiz	ing Anatomy											
2 Organiz	ing Physiology	1										
3 Organiz	ing Physiology	2										
4 Organiz	ing Pathology											
5 Organiz	ing Pathology 2	2										
6 Organiz	ing Pharmacolo)gy ni aal Numin a (Dasia) 1									
/ Organiz	ing Animal Cli	nical Nursing (Basic)]									
8 Organiz	ing Animal Cli	nical Nursing (Basic) 2 al Madiain	a) 1								
9 Organiz	ing Animal Cli	nical Nursing (Intern	al Medicine	$\frac{1}{2}$								
10 Organiz	ing Animal Cli	nical Nursing (Intern	instion) 1	5) 2								
11 Organiz	ing Animal Cli	nical Nursing (Exam	ination) ?									
12 Organiz	ing Animal Cli	nical Nursing (Exam	$r_{\rm v}$) 1									
14 Organiz	ing Animal Cli	nical Nursing (Surge	(rv) 2									
15 Animal	Nursing Review	W										
Feedback or	n assignments ((exams, reports, etc	·.)									
Students wil	l work on the ex	xercises each time ar	nd provide e	explanation	ns.							
			F	- F								
Course Note	es											
In prepara	tion for the nat	tional examination, o	each studen	t is expec	ted to	o first r	eviev	w the unit on his/her own before				
participating	in the exercises	S.										
Contents of	prior and post	-learning (prepara	tion and re	view)								
Be sure to u	nderstand the c	ontents of each exer	cise and pro	epare for i	it (re	view th	e coi	ntents from the first year) before				
attending the	e exercise. Make	e it a habit to self-or	ganize the c	ontents of	the e	exercise	es.					
Evaluation	method (includ	ling evaluation crit	eria)									
The overall	judgment will b	be based on 60% on	regular exa	amination	s and	40% c	on the	e degree of participation in each				
exercise (tes	t scores and red	o reports in the exer	cises).									
Textbook												
Although no	t specified, the	content of the exercis	ses will be b	ouilt aroun	d the	textboo	oks tł	hat have been used in each course				
for four years.												
Deference books teaching metarials at												
Reference b	ooks, teaching	materiais, etc.										
Fresent as ne	eded.											

Course	Graduation Thesis										
	. 1 . 1 . 1	TT 1 ' 1	0			I T					
Teachers	 Akiniko Uchida, Mieko Oguro, Takasni Umemura, Shinichiro Imamura, Toshio Okazaki Fukiko Ueda, Sachiko Tomita, Akiko Taniguchi, Hisako Shimamori, Katsuki Takahashi Makika Jakikawa, Narika Nijijima, Yachikira Walabawashi, Taluji Olyma, Bia Kata, Walika Obashi 										
in charge	Makiko Ishikawa, Noriko Niijima, Yoshihiro Wakabayashi, Takuji Okuno, Rie Kato, Yukiko Ohashi Chie Mogi, Tomoko Suzuki, Junko Akiyama, Takayuki Horii, Takaaki Fukuyama, Sayaka Miyai										
			, ,	1	Kana Mits	sui					
~	4th Department of Animal and Human Course										
Course	year	Animal Nursing	Relations	Class	exerc1	classificat	Specialized Education [General				
period	All	Required courses: 4 credits	4 credits of elective courses	format	ses	ion	Subject				
Objectives	year				I						
Under the	guidanc	e of the super	vising professo	or. students	are exp	ected to writ	e a thesis or a graduation thesis on a				
topic of part	icular int	erest in the fie	eld of "Veterina	ry Nursing'	or "An	imal-Human	Relations."				
Lecture out	line										
The purp	ose of th	nis course is	to have studen	its submit	a paper	as an outco	ome of their animal care education,				
summarizing	g matters	of particular i	nterest to them	under the g	guidance	e of their sup	ervisor.				
Specifical	ly, to im	prove student	s' abilities and	develop h	uman re	sources who	can contribute to society, under the				
supervision	of a thes	is advisor cho	osen by the stud	dents them	selves, the	he program	provides consistent guidance starting				
with literatur	re resear	ch on animal	nursing, setting	a research	theme,	developing a	in action plan, taking the initiative to				
work on the	task cont	inuously, and	summarizing ai	nd presentii	ng the of	stained data.	In addition to the above, students will				
Lesson plan											
Resed on	the cont	ant acquired in	the third year	compulsor	V COURSA	"Desearch	Mathada " students will set a research				
theme form	ulate an s	action plan co	nduct research	and summ	y course	e obtained da	ta in a paper or work				
The deadline	e for sub	mission of the	thesis or work	will be ann	ounced	on a separate	bulletin board Interim reports and				
graduation th	nesis pre	sentations will	be held.			on a separate					
Feedback or	n accion	ments (evams	reports etc.)								
Discussions	with the	supervisor wi	ll be held as neo	cessary, and	the reso	earch conten	t will be discussed.				
Course Not	es			•	-	~ 1 ~ 1					
Students wil	l be instr	ructed individu	ally in their lab	poratories, s	so be car	reful to keep	in touch with them.				
Contents of	prior a	nd post-learni	ng (preparatio	on and revi	iew)						
Evaluation	method	(including eva	aluation criter	ia)							
The overall judgment will be based on the research attitude (30%) and the submitted paper or work (70%).											
Textbook											
None											
Reference b	ooks, te	aching mater	ials, etc.								
None											

Г

Course		Internship						HORII Takayuki, AKIYAMA Ran, MITSUI Kana			
Course Period	3rd and 4th year All year	Elective 2 credits	Class format	traini ng	Con Class 0	urse ificati n	S	pecialized Education [General Subject]			
Objectives	Objectives										
This progr	This program aims to foster the ability to make independent career choices. develop iob awareness. and acquire										
practical kn	owledge by prov	viding students with	1 work exp	erience	e relate	ed to th	eir f	uture careers at companies and			
organization	ns (including vet	erinary hospitals) th	nat develop	anima	l-relate	ed busi	ness	es.			
Lecture Ou	tline										
In this cou	rse, students wil	l acquire basic skill	ls for worki	ing adu	lts thr	ough p	re-ir	ternship classes, cultivate their			
vocational a	wareness throug	h internship praction	ce, think ab	out the	eir voo	cational	apti	itude, and acquire the ability to			
adapt to the	real world. In ad	dition, through pos	t-internship	o classe	s, stuc	lents w	ill ha	ave the opportunity to reflect on			
their own ex	xperiences, share	their work experie	nces with o	thers in	n vario	ous job	field	ls, and consider their issues and			
career choic	es for future care	eer development.									
Lesson Plan	1										
1. Pre-c	classes for intern	ship (April to July)									
Pre-c	class 1 Orientation	n									
	What is in	ternship, get to kno	w a compa	ny, lea	rn abo	ut your	self				
Pre-0	Class 2: Business	Etiquette (1) Perso	onal appear	ance ar	nd beh	avior					
Pre-0	Class 3: Business	Etiquette (2) Lang	uage and T	elepho	ne Co	mmuni	catic	on			
Pre-0	Class 4: Business	Etiquette (3) repor	ting, comm	nunicat	ion, co	onsultat	tion,	record keeping and			
		confi	dentiality, e	tiquett	e for s	eating,	excl	hange of business card,			
		thank	you letters								
Pre-0	Class 5: How to v	write an entry sheet	, resume ar	nd emai	il						
Pre-0	Class 6: Interview	v simulation									
Pre-0	Class 7: How to o	communicate with	your interns	ship pa	rtner						
Pre-0	Class 8: Orientati	ion just before inter	nship (1)								
Pre-0	Class 9: Orientati	ion just before inter	mship (2)								
2. Inter	nship (August to	September)									
Off-o	campus internshi	p as a course of 16	hours or m	ore							
To be	e conducted at th	e host companies (i	including v	eterina	ry hos	pitals)					
3 Doct	classes for inter	shin (October)									
J. FOSI-	Class 1: Sharing	work experience									
Post	Class 7: Sharing	, work experience	davalonme	nt							
Foodback or	-Class 2. Sullinan Assignments (c	vome reports of		III							
In class re-	n Assignments (e	marized and comm) ponte will h	a ratur	nod P	aguaste	and	questions will be responded to			
orally or em	ports will be suit		icins will b	c ictuii	icu. K	equesta	s and	questions will be responded to			
Course Not	AS										
Although th	is is a vear-round	d course the imple	mentation s	chedul	e is or	utlined	ahov	70			
The detailed	l schedule will b	e presented in the f	irst class	eneuui	0 15 00	itimea	u00 v	0.			
Check your	Moodle and em	ail for class announ	cements an	d mate	rials d	istribut	ed v	ia Moodle			
Since this is	an external course	rse of study be sure	to act resp	onsibly	v and i	in good	l fait	h			
Late arrival	s absences and	late submission of a	assignment	s are st	rictly i	nrohihi	ted				
Contents of	Prior and Post-	lace submission of t	on and rev	iew)	neuy	promor	icu.				
Please do 9	some preliminary	v research on the co	ontents relat	ted to e	each cl	255 565	sion	After the class summarize the			
contents has	sed on the handou	its. In addition each	h student is	exnect	ed to r	research	the	industry and company in which			
they will int	ern		i student is	enpeet	cutor	escurer	1 1110	industry and company in which			
Evaluation	Evaluation Method (including evaluation criteria)										
Overall evaluation based on class participation (30%) internship evaluation (30%) and assignment report (40%)											
Textbook											
None in particular. Handouts will be distributed as needed											
Reference F	None in particular. Handouls will be distributed as needed. Reference Books. Teaching Materials, etc.										
Information	will be introduc	ed as needed.									

Course	Volun	teer Study & A	Activity				WAKABAYASHI Yoshihiro, MIYAI Sayaka				
Course Period	91 st - 4th year All yearElectives 1 creditClass formattraini ngCourse Classificati onSpecialized Education [General Subject]										
Objectives	1			1			1				
As a veteri	hary nursing and a	nimal human relati	ons student	, you sł	nould h	nave th	he knowledge and ability to provide				
a safe environment for pet owners to live with their pets. This occurs not only in veterinary clinics, but in a variety of situations and environments. They are expected to play a role as professionals involved with animals in various situations, such as community support, support for the elderly, support for child-rearing, support for the disabled, support for agriculture, and support during earthquakes. This class aims to acquire the knowledge and ability to intervene as a professional in the environment surrounding "owners and animals" through actual participation in training and volunteer activities.											
Lecture O	itline			- 6							
In this class Lectures (pactivities, 'second sen volunteer a	s, students will be pre-lessons) will 1 Then, they will p nester, they will ctivities and subr	required to particip be given in the firs ractice the training have a post-lecture put a report for cred	bate in training st semester and volun e class, whe	ing and to und teer ac ere the	volun erstand tivities y will	teer ac d the s durin make	ctivities designated by the university. significance and principles of these ng the summer vacation, and in the a presentation on the training and				
Lesson Pla	n										
advance lesson 1st.	n Plan ^{nce} ⁿ Orientation, introduction to "overseas training" and "domestic training," and the significance of the training										
Second time. Three	econd me. Significance of volunteerism: Introduction to volunteerism, community building, and activities (1)										
times.	Significance of v	olunteerism: Introd	uction to vo	oluntee	rism, c	comm	unity building, and activities (2)				
Four times.	Significance of v	olunteerism: Volun	teering, cor	nmunit	y build	ding, a	and activities (3)				
training (1)	To be implement Overseas training (actual expenses)	ed at one of the foll Social status and	lowing plan current situ	ned loo ation o	cations f comp	s (mult panion	tiple selections possible) animals and other animals overseas				
(2)	Domestic trainin in industrial anim	g: Kitasato Univers als (actual expense	sity Yakumo es)	o Farm	Practi	cal tra	ining on breeding and management				
(3) (4) follow-up	On-campus volu Training or volur	nteer: On-campus v iteer work approved	olunteer, he d by the cou	elp witl irse dir	h on-ca ector	ampus	events and training				
classes 1st.	Reflection, prese	ntation, and debrief	fing of what	t was le	earned	in the	training and volunteer activities				
Feedback of	on Assignments (e	xams, reports, etc.)								
Reports an	d other materials	will be returned as	necessary.								
Course Notes Maintain thorough communication with the training site to ensure that no accidents occur. "Overseas training and domestic training will be charged at actual cost. Detailed information will be given in the first class. ("Overseas Training" and "Domestic Training" are training programs available regardless of registration.)											
The syllabi	Contents of Prior and Post-learning (preparation and review) The syllabus shows the contents of the lecture for the day, so please prepare for it.										
Evaluation Method (including evaluation criteria) Attendance (25%), participation in training/volunteer activities (25%), reports (25%), and presentations (25%) will be comprehensively taken into consideration in making decisions.											
Textbook Handouts will be distributed as needed											
Reference None	Books, Teaching	As needed. Materials, etc.									

Course	Short-term	Animal Prac Abroad	tical Tr	aining		_		Shimamori Hisako Kato Go
Course Period	1st∼4 th year All Year	Electives 4 credits	Class format	Training	Con Class	urse sificati on		Specialized Education [General Subject]
Objectives								
Through learn about	n practical trainin a wide range of a	ng in English and animal-related dis	animal hu ciplines ii	sbandry a n a multic	t over ultural	seas ar l societ	nimal ty and	-related facilities, students will d acquire a global perspective.
Lecture Ou	tline							
This cou	urse is an overse	eas practical cours	se offered	in partner	rship v	with th	e Au	stralia Zoo in Australia. In this
this course,	students will lea	arn about a wide 1	range of a	nimal-rela	ated d	isciplir	nes th	rough the practice in Australia
Zoo under t	he guidance of le	ocal educators and	d zookeep	ers. Prior	to the	trip ar	nd du	ring the practical training, both
Japanese Er	nglish teachers	and native Englis	sh-speakin	ig teacher	s will	help	the s	tudents to learn the necessary
vocabulary	to communicate	with the local stat	ff. After re	eturning to	o Japa	n, the s	stude	nts will give a presentation and
reflect on w	hat they have lea	arnt during the tra	ining.					
Logon Dlor								
1 Orienta	i tion (understand	ing the nurnose a	nd conten	t of the lea	otures	and the		rse method)
2 Prior st	udy 2. Regional	study (English stu	idy of the	region wl	here th	and the	tical :	training will take place)
3 Prior st	udy 2. Regionar udy 3. Travel En	olish (vocabularv	and expr	essions fo	r trave	el and a		nmodation)
4 Prior st	udy 4: Professio	nal English (zoo r	elated voo	cabulary a	nd exi	pressio	ons fo	r practice)
5 Prior st	udy 5: Professio	nal English (zoo r	elated voo	cabulary a	nd ex	pressio	ons fo	r the practice)
6 Practica	al training 1: Pra	ctical training at A	Australia Z	Zoo		L		
7 Practica	al training 2: Pra	ctical training at A	Australia Z	Zoo				
8 Practica	al training 3: Pra	ctical training at A	Australia Z	Zoo				
9 Practica	al training 4: Pra	ctical training at A	Australia Z	Zoo				
10 Practica	al training 5: Pra	ctical training at A	Australia Z	Zoo				
11 Practica	al training 6: Pra	ctical training at A	Australia Z	200				
12 Practica	al training 7: Pra	ctical training at A	Australia Z	200 Zoo				
13 Flactica 14 Post-les	arning 1. Present	ation by students	and review	200 w hv teacl	hers			
15 Post-lea	arning 2: Present	ation by students	and revie	w by teach	hers			
Feedback of	n Assignments (exams, reports, et	c.)					
Critique wil	l be given after t	he presentation.						
-	C	*						
Course Not	es							
Students	s must be in goo	d health to travel	and atter	nd the pra	ctical	trainin	g at 1	the zoo, and must abide by the
schedule and	d disciplinary re	quirements of the	training s	ite. The co	ourse	might t	be car	ncelled due to social conditions
or if the mil	nimum number (of participants (16	o in the pr	evious yes	ar; any	y chang	ges w	/ill be announced on the notice
Doard) is no	t met. As this co	urse is neid abroa	a, addition		nciuai	ing trav	verex	penses will be required.
Contents of	Prior and Post-	logrning (prepara	tion and i	review)				
Students	are expected to 1	review what they h	nave learne	ed in their	prior	study b	efore	attending the practical training
Students are	expected to take	e notes (and picture	es when p	ossible) or	n what	they h	ave 1	earnt on the day of the practical
training and	to ask any questi	ons at the next sess	sion.	,		5		5 1
Evaluation	Method (includi	ng evaluation crit	eria)					
The over	all evaluation wi	ll be 70% for class	participat	ion and 30)% for	presen	tatior	as and reports.
Textbook	4 or the o - 1 '11 1	diatuihart 1 4 1 A						
Original	iexidook will be	distributed at the A	Australia Z	.00.				
Reference R	ooks. Teaching	Materials etc						
Material	s will be distribut	ed in the classroon	n and on N	Aoodle.				

ſ

Course		Special Semina	ar I			©MITSUI Kana, MIYAI Sayaka		
Course Period	1st year Full year	Required subject 0.5 credit	Class format	Lecture	Course Classifi cation	Specialized Education [General Subject].		
Objectives Through the founding spirit of the school and the educational philosophy of the university, students aim to understand the history of animal nursing and animal-human relations in Japan and the current situation in Japan from multiple perspectives. In addition, through various lectures, students will acquire the basic skills of a university students, such as the ability to express themselves in writing, an attitude to learning, communication skills, and civility.								
Lecture Out As a studen of animal we will help stu of Animal Communica	Lecture Outline As a student of this university, you will learn about a wide range of human-animal relationships based on the spirit of animal welfare, including the founding spirit of the school and the educational philosophy of the university. This will help students recognize the educational objectives of the Department of Animal Nursing and the Department of Animal Human Relations. This course consists of three pillars: Self-education Hour, Topic Hour and Communication Hour, and aims to lay the foundation for the next four years for first-year students.							
Lesson Plan 1 Orienta 2 [Educat 3 [Educat 4 [Educat 5 [Educat 6 [Topic] 7 [Topic] 8 [Comm	Lesson Plan 1 Orientation, Student Life and Academic Affairs Guidance, Library Guidance 2 [Education Hour 1] The history of the school and veterinary nursing 3 [Education Hour 2] The Spirit of Animal Protection and the Educational Philosophy of the University 3 [Education Hour 2] The Spirit of Animal Protection and the Educational Philosophy of the University 4 [Education Hour 3] Animal Nursing Forum 5 [Education Hour 4] Yamazaki Animal Protection Symposium (Kizuna Festival) 6 [Topic Hour 1] The Dangers of alcohol drinking and smoking 7 [Topic Hour 2] How to cope with stress 8 [Communication Hour] Summary (Review of the first year)							
Feedback on Course Note This is a yea etc.	n the questions in es ur-round class, ar	the report will be and the class schedule	given in tl e is subjec	he final sum	nmary.	djustments in the speaker's schedule,		
Contents of Prior to class distributed in reviewed in	Contents of Prior and Post-learning (preparation and review) Prior to class: Read the related books and materials according to the class plan. After class: Review the materials distributed in class and related books, and submit a report within the deadline. The content of the report will be reviewed in the summary session.							
Evaluation Method (including evaluation criteria) The overall evaluation will be based on 50% of the report and 50% of the participation in the class. Evaluation criteria for the report: Students will be evaluated on whether or not they have deeply considered the assigned topic in relation to the lecture content.								
Textbook Not specifie	Textbook Not specified. Materials will be distributed as necessary.							
Reference B Notification	books, Teaching I s will be made in	Materials, etc. 1 class and on the b	ulletin bo	ard as neces	ssary.			

G						OHASHI Yukiko
Course	Special Seminar II					TSUCHIYA Emi
Course period	2 nd year, Ful year	Required subject 0.5 credit	Class format	lecture	Course classificat ion	Specialized Education [General Subject]
Objectives				i	1	
The aim	of this seminar	is to expand knowle	edge of the	environm	ent surroundin	g animals and people involved with
animals from	n various pers	pectives, students w	ill gain an	understar	iding of the d	omestic and international situation
regarding cli	mate change, c	hanges in animal eco	systems due	e to global	ization, and the	eir serious effects on animals, animal
protection ne	ecessary in time	es of disaster, and the	e environme	ent surrou	nding animal c	are.
This cours	nne sa is composed	of four parts: the "I	Education H	Jour " the	"Career Educe	ation Hour" the "Topics Hour" and
the "Commi	nication Hour	Students will acqui	re and ever	and their	knowledge of	various aspects of animals and the
environment	For example.	students will learn a	bout the co	mplex issi	les that arise i	n the work environment and natural
environment	between huma	ans and animals, as	well as dev	elop stres	s tolerance as	a professional. During Topic Hour
specialists a	ctive in societ	y are invited to tea	ch on the	theme of	"Animals and	d the Environment. As part of the
Communicat	tion Hour, stud	lents will participate	in a day t	rip to an	aquarium as v	well as hands-on animal husbandry
practice. The	e order of class	plans is subject to ch	nange due to	the sche	dule of speake	rs, etc.
Lesson plan	l					
1 Orientat	tion (Environm	ent and Goals for Se	cond-Year V	Veterinary	Nursing Stude	ents) [Communication Hour 1].
2 Environ	ment for Veteri	inary Nurses (Qualifi	cations and	Accredita	ation of Certifi	ed Veterinary Nurses, etc.) [Career
Educati	ion Hour IJ.	for votoringer average	a (1) [C amaa	n Educati	m Houm 11	
5 Stressiu	Animals and th	For veterinary nurse	s (1) [Caree	er Educatio	on Hour 1].	
5 Educatio	on for life lowr	reducational hour 21	ic mour 1j.			
6 Aiming	to improve the	environment for hur	nans and an	imals (Ki	zuna Festival S	Symposium) [Topic Hour 2].
7 Symbio	sis between Hu	mans and Animals [Topic Hour	3] (in Jap	anese)	
8 Summar	ry: Considering	g the Social Environm	nent for Hu	mans and	Animals	
Feedback o	n assignments	(exams reports etc	•)			
Provide expl	anations and fe	edback on assigned	reports in c	lass.		
Course Not	es	0	1			
The order	and date of cla	ass plans may be sub	ject to char	nge depen	ding on the re-	sults of adjustments to the speaker's
schedule. Ple	ease check the	class plan distributed	l at the first	class. Als	o, please be su	are to check the notice board for the
distribution of	of reference ma	aterials, submission of	of assignment	nts, and cl	ass announcer	nents using Moodle.
Contents of	prior and pos	t-learning (prepara	tion and re	eview)		
Pre-class stu	dy: Review the	e content of each clas	s session.			
Post-lesson s	study: Deepen a	and consolidate the to	opics cover	ed in class	through readi	ng and web searches.
Evaluation	method (inclu	ding evaluation crit	eria)			
The class w	ill be judged c	omprehensively base	ed on 50%	participat	ion and 50% a	assignment report (in the form of a
notebook).						
Iextbook						
INONE Defense 1						
Reference D	ooks, teaching	g materiais, etc.				

None

Course	Special SeminarIII						AKIYAMA Ran, TOMONO Haruka
Course Period	3rd year Full year	Required subject 0.5 credit	Class format	Lect ure	Cor Class 0	ırse ificati n	Specialized Education [General Subject]
Objectives By unders students will image of the can give back Lecture Out This court of "Animals Japanese soor Specialists i Lesson Plan 1 [Comm 2 [Educatt 3 [Topic] 4 [Topic] 5 [Career 6 [Career 7 [Educatt 8 Summa Feedback on Check your 1 Course Note	Full year standing the dive l gain an unders e future person a ek to society. tline se consists of for and Occupation ciety and deepen n a variety of fie unication Hour] tion Hour] Qualif Hour] Stress Ma Hour] Occupation Education Hour Education Hour ion Hour] Found ry(review) n Assignments (enotes and report se	0.5 credit erse relationships be tanding of occupations is a veterinary nursing ar areas: self-education in," this course focus is the knowledge of we elds related to animal Orientation fications and Status of nagement in Working ons in animal-related of The Role of Vetering of The Role of Vetering of The Role of Vetering er's Memorial Serving submissions and give	tormat etween anir ons that inv ng or other ion, career es on the ra- veterinary n ils and soci of Veterina ng Adults l companie inary Nursi ice	ry Nur s and a ing in S ing in S	d hum animal l-relat ion, to ship b and an invite sing sing unimal Society	n mans in s. The ged specees pics, an etween nimal-hed to tea hospita y1 y2	IGeneral Subject] society from different perspectives, goal of this course is to develop an cialist, and to become a person who nd communication. Under the theme companion animals and humans in uman relations required in the field. ach. als m.
The class pl Check the c	an may be chang lass plans, notice	ged to adjust the spe es, and announceme	aker's sche nts distribu	dule. ited in	the fir	st class	
Check the class plans, notices, and announcements distributed in the first class. Contents of Prior and Post-learning (preparation and review) Prior learning: Read the pages of the textbook related to the contents of each class session. Post-lesson study: Review the contents of the training materials and practical skills after each class. Evaluation Method (including evaluation criteria) Students will be evaluated comprehensively based on their participation in the class (60%) and submissions such as assignment reports (40%). Textbook None. Notification will be made on the bulletin board or in class as necessary.							
None.	ooks, Teaching	Materials, etc.					

Course	SF	oecial Seminar	IV					KATO,Rie AKIYAM,Junko
Course Period	4th year Full year	Required subject 0.5 credit	Class format	exer cises	Co Class	urse sificati on	Sp	ecialized Education [General Subject]
Objectives		1				-		
This course	aims to master	the diverse relation	ships betw	een an	imals	and hu	ıman	s in society to build a peaceful
society when	re humans and ar	nimals coexist in ha	rmony. The	goal o	f this o	course	is to a	acquire basic skills as a member
of society be	efore leaving for	graduation.	·	C				*
Lecture Ou	tline	•						
Students wi	ll learn about the	e environment, profe	essions, and	l socie	ty from	m the p	erspe	ective of their relationship with
animals, bu	ilding on the br	oad basic knowled	ge they lea	rned in	n Ass	embly	Hou	I. They will acquire in-depth
knowledge	appropriate for	students in the Dep	partment of	f Anim	al Nu	irsing a	and t	he Department of Animal and
Human Rela	ations. Students	will learn how anin	hals have be	een inv	olved	in the	chan	iges and development of Japan,
the historica	l value of anima	ls in building tradit	ion and cha	inge, ai	nd cul	tivate 1	rich h	iumanity.
Lesson Plan	l							
1 A detail	led lesson plan w	vill be presented at	the orientat	ion and	l at th	e begir	nning	of the class.
2 History	of the School ar	nd Animal Nursing	(President's	Lectu	re)			
3 Educati	on Hour 2 Coe	existence of Human	s and Anim	als (K	izuna	Festiva	al Op	en Lecture)
4 Home-s	schooling Hour 3	3 Animal Haiku						
5 Gradua	tion Thesis Prese	entation						
6 Career	Education Hour	1 Animal-Related	l Occupatio	ons in S	ociety	У		
7 Career	Education Hour	2 Social Manners	e-Learning	5				
8 Career	Education Hour	3 Communication	1 for Worki	ng Peo	ple			
9 Topic F	lour 1 Stress N	lanagement for Wo	rking Peopl	le				
10 Topic F	lour 2 History	of the Museum			1			
11 Topic F	Iour 3 Issues a	nd research on num	an-animal i	relation	isnips	and Ca	:	
12 Commi	inication Hour 1	First Aid Trainin	a I	m of in	ature	and Sc	ience	<u>,</u>
13 Commi	inication Hour 2	First Aid Training	g I g II					
14 Commu	ry review of the	fourth year	g II					
Feedback or	1 y, leview of the	vame reporte etc)					
In class I w	ill evolain the as	signment report an	/ d give feedl	hack				
Course Note		ssignment report and	u give ieeu	Jack.				
This is a bi-	weekly vear-roi	und class and the c	order and da	ate of t	he cla	iss sche	edule	may change depending on the
results of ad	iustments to the	speaker's schedule	Please che	eck the	class	schedi	ile di	stributed in the first class This
is a bi-week	ly. year-round c	class, and the class	schedule n	nav ch	ange	depend	ing c	on adjustments to the speaker's
schedule.	ilj, jeur rouna e	ind the clubb	Selleddie H	indy off		aepena		in adjustments to the speakers
Contents of	Prior and Post-	learning (preparati	on and revi	ew)				
Prior to lear	ning, Check the	"Class Plan" posted	l on the bul	letin b	oard.			
Post-lesson	study Students a	are expected to sum	marize the	conten	ts of t	the clas	s as	an assignment report, using the
regimen and	l the board.							
Evaluation	Method (includi	ng evaluation crite	ria)					
Students wi	ll be evaluated c	omprehensively ba	sed on their	r partic	ipatio	n in th	e cla	ss (50%) and submissions such
as assignme	nt reports (50%)) .						
Textbook								
PDF data w	ill be provided.	You can download a	and print ou	t the m	nateria	ls as n	eedeo	3.
Reference B	ooks Teaching	Materials etc						

Reference Books, Teaching Materials, etc. Reference books will be introduced during the lecture.

Academic Regulations

Yamazaki University of Animal Health Technology Academic Regulations

Chapter 1. General Provisions

Section 1. Purpose

(Objective)

Article 1

Yamazaki University of Animal Health Technology (hereinafter referred to as "the University") shall, following the Fundamental Law of Education (Law No. 120 of 2006) and the School Education Law (Law No. 26 of 1947), adhere to the founding spirit of "Reverence for life" and "Independence as a professional," and with the educational philosophy of "Live a life," acquire the fundamental theories and skills related to animal health care. We pursue our education without forgetting the origin of life that lives in the providence of the natural ecosystem. This program aims to train students to acquire the basic theories and techniques related to animal nursing and develop their professional and applied skills.

2. The purpose of this program is to teach research and specialized theories and techniques related to animal nursing and animal-human relations, with rich humanity and a broad perspective required for the relationship between humans and companion animals under the spirit of animal welfare.

(Self-inspection and evaluation)

Article 2

In order to improve the level of its education and research, and to achieve the purpose and social mission outlined in the preceding article, the University shall conduct a self-assessment of the status of its education and research, organizational management, and facilities and equipment (hereinafter referred to as "education and research, etc."). It shall make the results of such assessment public.

2. In addition to the measures set forth in the previous article, the University shall receive an evaluation of the overall status of its education and research, etc., by a person certified by the Minister of Education, Culture, Sports, Science and Technology every period as stipulated in Article 40 of the School Education Law Enforcement Ordinance (Government Ordinance No. 340 of 1953), and the results shall be made public.

The matters of self-inspection and evaluation and its implementation system, etc., outlined in Paragraph 1 shall be determined separately.

(Information disclosure)

Article 3

The University shall proactively disclose information on the status of its education and research activities, etc., through publication and other methods that can be widely disseminated.

(Systematic training for improvement of educational content, etc.)

Article 4

The University shall conduct systematic training and research to improve educational content and methods, and the method of conducting such training and research shall be specified separately.

Section 2. Organizational Structure

(Faculty)

Article 5

The University shall have the following faculties and departments.

Faculty of Animal Health Technology

- Department of Animal Health Technology

- Department of Human Animal Relations

The admission capacity of the faculties and departments outlined in the preceding paragraph shall be as follows.

Undergraduate (course,	Course of study	Enrollment capacity	Admission capacity
program, etc.)			
	Department of Animal	100 people	400 people
Faculty of Animal	Health Technology		
Health Technology	Department of Human	80 people	320 people
	Animal Relations		

(Llibrary)

Article 6

The University shall have a library.

Matters necessary for the library shall be determined separately.

(Secretariat)

Article 7

The University shall have a Secretariat.

Section 3. Staff Organization

(Faculty and staff)

Article 8

The University shall have a president, deans, department chairs, professors, associate professors, lecturers,

assistant professors, assistant professors, administrative staff,

and other staff.

2. The University may appoint Vice Presidents, Vice Deans, and Vice Department Chairs.

3. There shall be a Secretary-General and department heads from among the staff members set forth in the preceding paragraph.

4. Appointments, dismissals, and duties shall be determined separately.

(Faculty Meeting)

Article 9

The Faculty Council shall be established to deliberate matters related to education and research of the University.

2. The Faculty Council shall consist of the President, Vice Presidents, Deans, Vice Presidents, Department Chairs,

Vice Department Chairs, and full-time professors.

- 3. Notwithstanding the provision of the preceding paragraph, associate professors, lecturers, assistant professors, and other faculty members may be added to the Faculty Council when the President deems it necessary.
- 4. Matters necessary for the Faculty Council shall be prescribed separately.

Section 4. Grades, Terms, and Holidays

(Grade)

Article 10

The academic year shall begin on April 1 and end on March 31 of the following year.

(Semester)

Article 11

The school year shall be divided into two semesters, the first semester and the second semester, and the duration of the semester shall be determined in the school year calendar for that year.

(Closed on holidays)

Article 12

Holidays shall be as follows

(1) Sunday

- (2) Holidays stipulated in the Law Concerning National Holidays (Law No. 178 of 1948)
- (3) Anniversary of the founding of the University
- (4) Summer, winter, and spring break shall be determined by the academic calendar.
- 2. Notwithstanding the provision of the preceding paragraph, the President may set up temporary holidays or change the holidays.
- 3. The President may hold classes on holidays when deemed necessary.

(Class Period)

Article 13

In principle, classes shall be held for 35 weeks per year, including regular

examinations.

2. Classes for each class subject shall be conducted in units of 15 weeks. However, if there is a special educational need, classes may be held over a shorter period.

Chapter 2. General Rules for Faculties

Section 1. Period of Study and Period of Enrollment

(Period of study and period of enrollment)

Article 14

The term of study at the University shall be four years. However, the period of enrollment shall not exceed eight years. However, those admitted under the provisions of Article 20 may not be enrolled for more than twice the number of years required for enrollment.

Section 2. Enrollment

(Time of admission)

Article 15

Admission to the University shall be at the beginning of the academic year.

(Admission Requirements)

Article 16

Those who are eligible for admission to the University shall fall under one of the following categories.

- (1) Graduates of high school or secondary education school
- (2) A person who has completed 12 years of schooling in the regular course (including a person who has completed equivalent schooling in a course other than the regular course)
- (3) A person who has completed 12 years of school education in a foreign country, or a person who is equivalent to that and has been designated by the Minister of Education, Culture, Sports, Science and Technology.
- (4) A person who has completed a course at an overseas educational institution accredited by the Minister of Education, Culture, Sports, Science and Technology as having a course equivalent to a high school course.
- (5) A person who has completed an advanced course of a special training school (limited to a course that satisfies the criteria specified by the Minister of Education, Culture, Sports, Science and Technology such as having a completion period of 3 years or more) on or after the date specified by the Minister of Education, Culture, Sports, Science and Technology.
- (5) A person who has completed an upper secondary course of a particular training school (limited to those which meet the criteria specified by the Minister of Education, Culture, Sports, Science and Technology, such as the duration of study being 3 years or more) after the date specified by the Minister of Education, Culture, Sports, Science and Technology
- (6) Persons designated by the Minister of Education, Culture, Sports, Science and Technology
- (7) Persons who have passed the high school equivalency examination according to the high school equivalency examination regulations (2005, MEXT Ordinance No. 1) (including persons who have passed the university equivalency examination according to the former regulations)
- (8) Those who have reached 18 years of age and have been recognized as having academic abilities equivalent to or higher than those of high school graduates through individual screening.

(Procedures for Application for Admission)

Article 17

Prospective students shall apply for admission to the university by the designated date

by submitting the prescribed application form and the application fee.

2. The time, method, and documents to be submitted shall be determined separately.

(Selection of applicants and determination of successful applicants)

Article 18

Applicants for admission shall be screened as specified separately, and the President shall decide on the successful applicants after hearing the opinions of the Faculty Council.

(Enrollment Procedures and Admission)

Article 19

Those who have received notification of acceptance based on the results of the selection process in the previous article shall take the necessary procedures within the prescribed date, together with the entrance fee as specified in Article 46, as well as tuition and other fees.

The President shall grant admission to those who have completed the admission procedures in the preceding paragraph.

(Transfer, re-enrollment, and transfer)

Article 20

When a student applies for transfer, readmission, or transfer to the University, the President may admit the student to the appropriate year of study only when there is a vacancy, after screening and hearing the opinion of the Faculty Council.

2. Those who may transfer according to the provision of the preceding paragraph shall fall under any of the following items.

- (1) Those who have graduated or withdrawn from other universities
- (2) Those who have graduated from junior colleges or colleges of technology

(3) A person who has completed a specialized course at a particular training college that meets the standards specified by the Minister of Education, Culture, Sports, Science and Technology (However, this is limited to a person who has a university entrance qualification as specified in Article 90 of the School Education Law)

3. Those who are eligible for readmission or transfer under the provisions of Paragraph 1 shall be those who have withdrawn from the University or those who are currently enrolled in another university and who will withdraw from said university due to transfer.

4. The method of study for those admitted according to the provision of Paragraph 1 shall be decided by the President after hearing the opinions of the Faculty Council.

Section 3. Curriculum and Course Methods, etc.

(Courses)

Article 21

The University's class subjects shall be liberal arts education subjects and specialized education subjects.

2 Each course is divided into required and elective subjects, and distributed to each year.

3 The class subjects of the University shall be as shown in Appendix 1.

(Number of graduation credits)

Article 22

To graduate from the University, students must complete 124 credits or more following the following items.

- (1) Liberal education courses: 30 credits or more
- (2) Specialized education courses: 94 credits or more

(How to calculate the unit)

Article 23

The method of calculating credits for class subjects shall be based on the following standards, considering the class's educational effects and the learning required outside class hours, according to the method of the class, with one credit consisting of content requiring 45 hours of study.

- (1) One credit shall consist of 15 to 30 hours of lectures and seminars as determined by the university.
- (2) For experiments, practical training, and skills practice, one credit shall consist of 30 to 45 hours of experiments, practical training, and skills practice as determined by the university.
- (3) When a class is given by combining two or more of the following methods: lecture, exercise, experiment, practical training, or skill practice, one credit shall be given for a total of 45 hours of class according to the combination.
- 2. Notwithstanding the provision of the preceding paragraph, credits for graduation theses and other class subjects shall be determined in consideration of the results of the studies.

(Credit Awarded)

Article 24

Students who complete class subjects and pass the prescribed examinations shall be awarded credits.

(Grading)

Article 25

Grades shall be given based on S, A, B, C, and D, with C or better being a passing grade.

(Taking courses at other universities, etc.)

1. The University may, if it is deemed to be beneficial for education, recognize credits earned by students from class subjects taken at other universities or junior colleges as credits earned by taking class subjects at the University, within a limit not exceeding 60 credits, based on agreements with other universities or junior colleges.

2. The provision of the preceding paragraph shall apply mutatis mutandis to the case where a student studies at a foreign university or junior college, takes class subjects in Japan in correspondence courses offered by a foreign university or junior college, and takes class subjects in Japan in the relevant courses offered by an educational facility designated by the Minister of Education, Culture, Sports, Science and Technology as having the educational courses of a foreign university or junior college in the school education system of said foreign country. (2) The provisions of the preceding paragraph shall apply mutatis mutandis to the case of taking in Japan class subjects in the relevant educational courses of educational facilities designated by the Minister of Education courses of educational facilities designated by the Minister of in Japan class subjects in the relevant educational courses of educational facilities designated by the Minister of Education, Culture, Sports, Science and Technology as having the educational courses of foreign universities or junior colleges.

3. In addition to what is provided for in the preceding two paragraphs, necessary matters shall be determined separately.

(Study at an educational facility other than a university)

Article 27

- 1. The University may, when it deems it advantageous from an educational standpoint, deem a student's study at a junior college or college of technology major or other studies specified by the Minister of Education, Culture, Sports, Science and Technology, to be a course of study at the University and grant credits.
- 2. The number of credits that can be granted under the preceding paragraph shall not exceed 60 credits together with the credits approved under Paragraph 1 of the preceding article.

3. In addition to what is provided for in the preceding two paragraphs, necessary matters shall be determined separately.

(Approval of credits previously earned before enrollment)

- 1. The University may, when it deems it beneficial for educational purposes, deem credits cquired by a student for class subjects taken at a university or junior college prior to the student's enrollment at the University (including credits acquired as a non-degree seeking student as prescribed in Article 44) to have been acquired through the student's enrollment in class subjects at the University. In this case, the University may deem that the credits the student has earned in class subjects at universities or junior colleges before entering the University (including credits earned as a non-degree student as defined in Article 44) have been earned through the completion of class subjects at the University.
- The University may, when it deems it necessary for educational purposes, deem the study prescribed in
 Paragraph 1 of the preceding article conducted by students prior to their enrollment at the University to be the

completion of class subjects at the University and grant credits.

- 3. The number of credits that can be deemed to have been acquired or given in accordance with the provisions of the preceding two paragraphs shall not exceed 60 credits when combined with the number of credits deemed to have been acquired at the University following the provisions of Article 26, Paragraphs 1 and 2 and Paragraph 1 of the preceding Article, except in the case of transfer, transfer, etc.
- 4. In addition to what is provided for in the preceding three paragraphs, necessary matters shall be determined separately.

(Clarification of grading standards, etc.)

Article 29

The University shall clearly indicate to students in advance the methods and contents of classes and the annual class schedule.

2. In order to ensure objectivity and rigor in the evaluation of academic achievements and the recognition of graduation, the University shall clearly indicate the criteria to students in advance, and shall conduct the evaluation appropriately in accordance with said criteria.

(Others)

Article 30

In addition to what is provided for in this Section, the year of distribution, method of enrollment, and each class subject shall be determined separately.

Section 4. Leave of Absence, Reinstatement, Transfer, Study Abroad, Withdrawal and Expulsion

(Leave of absence)

- 1. Those who wish to take a leave of absence due to illness or other unavoidable circumstances may do so with the permission of the President by submitting to the President a doctor's note or other document certifying the reason for the absence and the joint signature of the guarantor.
- 2. The President may order a leave of absence for a student who is deemed inappropriate to study due to illness, etc., after hearing the opinions of the Dean of the Faculty, the director of the Educational Affairs Division, the Dean of the Student Affairs Division, and other persons deemed necessary by the President (hereinafter referred to as "dean, etc."). The President may order a leave of absence after hearing the opinions of the Dean of the Faculty, the Director of Academic Affairs, the Dean of the Student Affairs Division, and other persons deemed necessary by the President (hereinafter referred to as "Dean, etc.").
- 3. The period of leave of absence may not exceed one year. However, in the case of exceptional circumstances, permission may be granted to extend the period for one year only.
- 4. The period of leave of absence may not exceed four years in total.
- 5. The period of leave of absence is not included in the years of enrollment.

(Returning to school)

Article 32

If the reason for the leave of absence has ceased to exist during the period of the leave of absence, the President may grant permission for the student to return to school after hearing the opinions of the Dean of the Faculty, etc.

(Transfer)

Article 33

Students may transfer to another department if the President approves explicitly. Matters related to transferring courses shall be determined separately.

(Transfer)

Article 34

Those who wish to transfer to another university shall obtain the permission of the President.

(Study abroad)

Article 35

1. Those who wish to study abroad may apply in advance, with the joint signature of the guarantor, to study at a foreign university or junior college with the permission of the President.

2. The period of study abroad with the permission set forth in the preceding paragraph shall be limited to one year and included in the period specified in Article 14.

(Withdrawal)

Article 36

Those who wish to withdraw from the University shall obtain the permission of the President.

(Expulsion)

Article 37

The President shall expel students who fall under any of the following items after hearing the opinion of the

Faculty Committee.

- (1) Those who have exceeded the period of enrollment as specified in Article 14
- (2) Those who are unable to continue their studies after the period of absence
- (3) Those who fail to pay the tuition fee and do not pay it even after being urged to.
- (4) Persons who have died or who have been missing for a long time.

Section 5. Graduation and Degrees (Certification of Graduation) Article 38

- 1. Students who have been enrolled in the University for four years or more (for students who have been admitted through transfer, etc., the period shall be determined separately) and who have earned 124 credits or more, including 30 credits or more in liberal arts education subjects and 94 credits or more in specialized education subjects, from among the class subjects specified in these regulations shall be approved for graduation by the President after hearing the opinions of the Faculty Council.
- 2. Graduation certification in accordance with the preceding paragraph shall be given at the end of the academic year. For those who are unable to obtain this certification due to unavoidable reasons, the certification may be given in the first semester of the following year.

(Degree conferred)

Article 39

1. Those who have been approved for graduation under the provisions of the preceding Article shall be conferred the degree of Bachelor of Science (Animal Health Technology).

2. Matters necessary for degrees shall be determined separately.

Section 6. Award and Punishment

(Award)

Article 40

The President may grant an award to a student who has behaved in a manner worthy of an award, such as good conduct, academic excellence, or good behavior, after hearing the opinion of the Faculty Council.

(Disciplinary action)

Article 41

- The President shall discipline students who fail to comply with these regulations and other rules established by the University, and whose conduct is not following their duties as students, after hearing the opinions of the Faculty Council.
- 2. The types of disciplinary actions shall be admonishment, suspension, and expulsion.
- 3. Expulsion shall be imposed on students who fall under any of the following items
- (1) Those who have violated the Admission Pledge
- (2) Persons who are found to be misbehaving and are not expected to improve.
- (3) Students who have poor grades and are not expected to continue their studies.
- (4) Those who have poor attendance without justifiable reason
- (5) A person who disturbs the order of the university or otherwise violates the principles of a student

Section 7. International Students, Research Students, Non-Degree Students, and Special Auditing Students

(International Students)

- Suppose a person who has foreign nationality and falls under Article 16; Item 3 wishes to enroll in the University. In that case, he or she may be admitted after a screening process and after hearing the opinion of the Faculty Committee.
- 2. Concerning international students, the regulations for regular students shall apply mutatis mutandis, except for the provisions concerning Article 34. Necessary matters concerning international students shall be determined separately.

3. For international students in the preceding paragraph, in addition to those listed in Article 21, subjects related to the Japanese language and Japanese circumstances may be offered.

(Research Student)

Article 43

1. When a student applies for admission to the University as a research student, the President may admit the student as a research student after hearing the opinion of the Faculty Council, after selecting the student as long as there is no obstacle to education and research.

2. Matters concerning research students shall be determined separately.

(Non-degree student)

Article 44

- 1. Those who wish to take specific subjects at the University may be admitted as a non-degree student, after hearing the opinion of the Faculty Committee to the extent that it does not interfere with education and research.
- 2. When a student has passed an examination in a class subject taken by a non-degree seeking student, the university may grant credits for the subject by applying the provisions of Article 24 and Article 25 mutatis mutandis.
- 3. Matters concerning Credited Auditors shall be determined separately.

(Special Auditing Student)

Article 45

- 1. Upon consultation with other universities and junior colleges, the President may admit students of said universities as special auditing students, after hearing the opinions of the Faculty Council.
- 2. Matters concerning Special Auditing Students shall be determined separately.

Section 8. Examination Fees, School Fees, and Other Costs

(Application fee and tuition)

Article 46

The entrance examination fee and school expenses shall be as specified in Appendix 2.

(Delivery date for school fees, etc.)

School fees and other payments shall be paid by the designated date separately specified.

(School fees paid)

Article 48

In principle, the school fees paid shall not be refunded.

(Tuition for students who return to school)

Article 49

When a student is reinstated after receiving permission for reinstatement, the student shall pay the school fees for the relevant semester.

(Tuition in the case of withdrawal, expulsion, or suspension)

Article 50

1. Tuition for a term shall be collected from students who withdraw or are expelled in the middle of a term.

2. Tuition will be collected during the period of suspension.

(Tuition and other fees for students who are enrolled beyond the completion of their studies)

Article 50-2

Notwithstanding the provisions of Article 46, the tuition fees, etc. for the relevant semester for students who are enrolled beyond the period of study shall be determined separately.

(Enrollment fee for students on leave of absence)

Article 51

Those who have been granted a leave of absence shall pay the enrollment fee specified separately.

Section 9. Education and Scholarship

(Scholarship)

Article 52

The University shall establish a system of education and scholarship.

2. Matters concerning education and scholarship shall be determined separately.

Chapter 3. Welfare Facilities

(Welfare facility)

Article 53

1. The University shall establish welfare facilities.

2. Necessary matters concerning welfare facilities (student cafeteria, student lounge, medical office, etc.) shall be determined separately.

Chapter 4. Public Lectures, etc.

(Open Lecture)

Article 54

- 1. To disseminate academic culture, the University shall offer public lectures for the general public.
- 2. Necessary matters concerning public lectures, etc., shall be determined separately.
- 3. Matters necessary for the use of facilities shall be determined separately.

Chapter 5. Miscellaneous Provisions

(Revision and abolition of school regulations)

Article 55

Chairperson of the Board of Trustees shall determine the revision or abolition of these regulations after discussion by the Faculty Council and the Board of Directors.

Supplementary Provisions

This school regulation shall come into effect as of April 1, 2010.

- Supplementary Provisions (Approved by the Faculty Council on January 20, 2014, Approved by the Board of Directors on January 23, 2014, Approved by the Faculty Council on March 20, 2014, Approved by the Board of Directors on March 20, 2014) This school regulation shall be revised and enforced as of April 1, 2014.
- Supplementary Provisions (Approved by the Faculty Council on January 19, 2015, and by the Board of Directors on March 19, 2015). This school regulation shall be revised and enforced as of April 1, 2015.

Supplementary Provisions (Approved by the Board of Directors on May 28, 2015, after the Faculty Meeting on May 25, 2015)

- 1. These School Regulations shall be revised and enforced as of April 1, 2016. However, for students enrolled on or before April 1, 2015, the provisions then in force shall remain applicable.
- 2. Notwithstanding the provision of the preceding paragraph, the school fees in Appended Table 2 shall apply to students enrolled on or before April 1, 2015, from the academic year 2016.
- Supplementary Provisions (Approved by the Board of Directors on May 25, 2017, after the Faculty Meeting on October 17, 2016)

This school regulation shall be revised and enforced as of April 1, 2008.

- Supplementary Provisions (Approved by the Board of Directors on March 14, 2019, after the Faculty Meeting on March 4, 2019) These school regulations shall be revised and enforced from April 1, 2019. It will also apply to students enrolled on or after April 1, 2016, from April 1, 2019.
- Supplementary Provisions (Approved by the Board of Directors on March 11, 2021, after the Faculty Meeting on March 2, 2008)

These school regulations shall be revised and enforced as of April 1, 2021. However, for students admitted on or before April 1, 2020, "Exotic Animal Nursing (2 credits of specialized education subject elective)" shall be added

to Appendix 1 "Education Course (Department of Animal Health Technology)" and "Exotic Animal Characteristics Theory (2 credits of specialized education subject elective)" shall be added to Appendix 1 "Education Course (Department of Human Animal Relations)" for students admitted on or after April 1, 2020. Exotic Animal Characteristics Theory (elective 2 credits in specialized subjects in the Education Courses (Department of Animal Health Technology)" and "Exotic Animal Characteristics Theory (elective 2 credits in specialized subjects in the Education Courses (Department of Animal Health Technology)" in the Education Courses (Department of Human Animal Relations), and the rest shall be as before. Appended Table 1 (Re: Article 21)

Curriculum

(Common to both the De	epartment of Animal Health	Technology and the De	epartment of Human	Animal Relations)
------------------------	----------------------------	-----------------------	--------------------	-------------------

Subject group			Number	Domonito	
Su	bject group	Course title	Required (subject)	Selective (subject)	Remarks
General	Humanities and	Bioethics	2		
Education	Social Science	Philosophy		2	
Courses		Law in Everyday Life		2	
(liberal		Life and Economy		2	
Arts)		History of Art		2	
11(3)		Psychology		2	
		Animals and Journalism		2	
		Career Management		2	
	Nature and	Basic biology	2		
	Environment	Basic Chemistry	2		
		Basic Biochemistry		2	
		Environmental Science		2	
	Language,	English I	1		
	Information, and	English II	1		
	Sports	English III	1		
	Sports	English IV	1		
		French Basic Course		2	
		Information literacy (Basic)	1		
		Information literacy (Applied)	1		
		Wellness & Physical Activity (including practical skills)		2	

(Department of Animal Health Technology)

			Number	of credits	Deveester
Subjec	t group	Course title	Required (subject)	Selective (subject)	Remarks
Introduction to I		Introduction to Life Science	2		

Specialized	Basic	Biotechnology		2	
Education	subjects	Veterinary Technology Outline	2		
	sacjeets	Introduction to Animal-Human Relationship Studies	2		
		Veterinary Functional Anatomy	2		
		Animal physiology	2		
		Practice for Veterinary Functional Anatomy	2		
		Animal Ecology	2		
		Ethology	2		
		Animal Genetics	2		
		Theriogenology	2		
		Animal Pharmacology	2		
		Animal Pathology	2		
	Special	Veterinary Technology-Basic	2		
	Subjects	Veterinary Technology-Basic, Student Laboratory	2		
	Bubjeets	Veterinary Technology-Internal Medicine	2		
		Veterinary Technology-Internal Medicine, Student Laboratory	2		
		Veterinary Technology - Surgery	2		
		Veterinary Technology-Surgery, Student Laboratory	2		
		Veterinary Technology-Comprehensive		2	
		Veterinary Technology-Comprehensive, Student Laboratory		2	
		Animal Clinical Examination Study	2		
		Animal Clinical Examination Study-Student Laboratory	2		
		Specific Examination		2	
		Equipment Theory for Veterinary Medicine	2		
		Veterinary Oral Care		2	
		Practice of Veterinary Oral Care		2	
		Zoonosis	2		
		Public Health	2		
		Animal Biochemistry		2	
		Microbiology	2		
		Hematology		2	
		Parasitology	2		
Specialized Education	Special Subjects	Small Animal Radiology	2		
Luucation	Bubjeets	Small Animal Nutrition	2		
		Small Animal Clinical Nutrition	2		
		Veterinary Nursing of Exotic Animals	2		
		Veterinary Nursing Social Work	1		
		Theories of Pet Loss and Bereavement		2	

	An Introduction to Medical Rehabilitation		2	
	Veterinary Rehabilitation and Physical Therapy		2	
	Animal Hospital Practice	2		
	Animal Rearing	2		
	Practice of Animal Rearing	2		
	Study of Companion Animal Care (Grooming)	2		
	Practice of Companion Animal Care (Basic Grooming)	2		
	Practice of Companion Animal Care (Advanced Grooming)		2	
	Characteristics of Companion Animals	2		
	Farm Animal Science	1		
	Laboratory Animal Science	1		
	Wild Animal Science	2		
	Act on Animal Kindness and Welfare	2		
	Medical Safety		2	
	Animal Geriatrics Technology		2	
	Home Care and Home-visit Animal Nursing Care		2	
	Pet-related Industry	2		
	Scientific English		2	
General	Statistics		2	
Subject	Practice in Animal Health Technology		1	
5	Graduation thesis	4		
	Internship		2	
	Volunteer Study & Activity		1	
	Short-term Animal Practical Training Abroad		4	
	Special Seminar I	1		
	Special Seminar II	1		

(Department of Human Animal Relations)

Subje	ct group	Course title	Number of credits		Remarks
			Required	Selective	
			(subject)	(subject)	
Specialized	Basic Subjects	Introduction to Life Science	2		
Education	5	Biotechnology		2	
		Veterinary Technology Outline	2		
		Introduction to Animal-Human Relationship Studies	2		
		Veterinary Functional Anatomy	2		
		Animal physiology	2		
		Practice for Veterinary Functional Anatomy		2	

		Animal Ecology		2	
		Ethology (study of animal behavior)	2		
		Animal Genetics	2		
		Theriogenology	2		
		Animal Pharmacology		2	
		Animal Pathology		2	
	Special Subjects	Veterinary Technology-Basic	2		
		Veterinary Technology-Basic Training	2		
		Veterinary Technology-Internal Medicine		2	
		Veterinary Technology-Internal Medicine, Student Laboratory		2	
		Veterinary Technology - Surgery		2	
		Veterinary Technology-Surgery, Student Laboratory		2	
		Animal Clinical Examination Study		2	
		Animal Clinical Examination Study-Student Laboratory		2	
		Zoonosis	2		
		Public Health	2		
		Parasitology	2		
		Small Animal Nutrition	2		
		Human-Animal Interaction	2		
		Social welfare		2	
		Clinical psychology		2	
		Communication	1		
		Theories of Pet Loss and Bereavement	2		
		Theory of Animal Assisted Therapy	2		
		Practice of Animal Assisted Therapy		2	
		Theory of Assistance Dog	2		
		Companion Animal Breeding and Their Resources		2	
		Animal Rearing	2		
		Practice of Animal Rearing	2		
		Study of Companion Animal Care(Grooming)	2		
		Practice of Companion Animal Care(Basic Grooming)	2		
		Practice of Companion Animal Care (Advanced Grooming)		2	
		Practice of Companion Animal Behavior		1	
		Companion Dog Training		2	
		Practical Training of Companion dog		2	
		Characteristics of Domestic Dogs Domestic Cats	2		
		Characteristics Theory of Exotic Animals		2	
		Characteristics of Companion Birds		2	

		Gerontology and Dog Walking		2	
		Farm Animal Science	1		
		Laboratory Animal Science	1		
		Wild Animal Science	2		
		Act on Animal Kindness and Welfare	2		
		Medical Safety	2		
		Animal Health Emergency Management	2		
		Pet-related Industry		2	
		Pet Business Entrepreneurship		2	
		Consumer Behavior Analysis		2	
		Information Risk Management		2	
		Animals in Art		1	
		Animal Cultural Anthropology		2	
		Aquatic zoology		2	
		Zoo and Aquarium Science		2	
		Pestology		2	
		Scientific English		2	
Gen	neral	Academic Skills	2		
Sub	ject	Statistics		2	
	5	Practice in Animal Health Technology		1	
		Graduation thesis		4	
		Internship		2	
		Volunteer Study & Activity		1	
		Short-term Animal Practical Training Abroad		4	
		Special Seminar I	1		
		Special Seminar II	1		
Appended Table 2 (Re: Article 46)

Application Fee and Tuition

(Common to both the Department of Animal Health Technology and the Department of Human Animal Relations)

	Matter	Amount
Entrance Ex	amination Fee	30,000
Entrance fee	2	150,000
Tuition	Tuition (annual)	900,000
	Practicum fee (annual fee)	250,000
	Facility fee (annual fee)	300,000
	Subtotal	1,450,000

(Unit: Yen)

Note 1: Tuition and fees are the same for the first, second, third, and fourth years.

Note 2: The entrance examination fee is waived for the second and subsequent attempts. The examination fee for the Examination for Japanese University Admission for International Students (EJU) is 15,000 yen.

Yamazaki University of Animal Health Technology, Faculty of Animal Health Technology, Course Regulations

Chapter 1. General Provisions

(Purpose)

Article 1

Matters necessary for the study of the Yamazaki University of Animal Health Technology (hereinafter referred to as "this University") shall be governed by these regulations.

(Classification of courses)

Article 2

- 1. Class subjects shall be classified as follows
- (1) Appendix 1-1 applies to students enrolled in 2015 or earlier.
- (2) Appendix 1-2 applies to students enrolled in the 2016 academic year or later.
- 2. Class subjects shall be divided into compulsory subjects and elective subjects and distributed to each year and semester. The class subjects, the number of credits, and the year of distribution shall be as follows
- (1) Appendix 4-1 and Appendix 5-1 apply to students enrolled in 2015 or earlier.
- (2) Appendix 4-2 and Appendix 5-2 and 3 apply to students enrolled in the 2016 academic year or later.
- However, if a student takes a course in another major and earns credits, it will be treated as an elective course.
- (3) Appendices 4-3 and Appendix 5-4 and 5 apply to students entering and after 2021.

However, if a student takes a course in another department and earns credits, it will be treated as an elective course.

(Term and Class Schedule)

Article 3

1. Class subjects shall be offered in semesters, and the semester in which they are offered shall be designated. The semester system of the University shall be two semesters, the first semester and the second semester, based on the academic calendar of the relevant year, and classes shall be held from Monday to Saturday in principle.

2. The class schedule is as follows, with 90 minutes as the basic unit for each period.

First period	9:10-10:40 a.m.
Second period	10:50 - 12:20

Third period	13:10 - 14:40
Fourth period	14:50 - 16:20
5th period	16:30 - 18:00

The class schedule will be announced at the beginning of the school year.

Chapter 2. Enrollment

(Registration)

Article 4

- 1. Students shall, in principle, register for all classes they intend to take in the current academic year within the designated period using the web-based course registration system.
- In principle, students may take courses that have been distributed in the relevant year. However, in the case of liberal arts education subjects, students may take the subjects distributed to lower-level students.
- 3. As a general rule, students are not allowed to take courses with classes other than those assigned.
- 4. After course registration, students may change their courses only within the specified period.
- 5. If registration procedures are not completed, students will not take courses or earn credits.
- 6. In principle, the number of courses registered per semester is one or more.
- 7. When taking courses distributed from the second year onward, students who have not yet completed the compulsory courses distributed in the lower years shall, in principle, take the compulsory courses distributed in the lower years.

(Prohibited)

Article 5

Students who fall under any of the following categories shall not be allowed to take the course

- (1) Duplicate courses in the same period.
- (2) Re-taking the same course for which credit has already been earned.

(Tiered courses)

Article 5-2 Apart from the year of distribution of class subjects, there shall be staged courses as follows, and if a student has not earned credit for even one subject distributed at each stage, he or she shall not be able to take the subject at the next stage.

- (1) Appendix 6-1 applies to students enrolled in 2015 or earlier.
- (2) Appendix 6-2 applies to students enrolled in the 2016 academic year or later.
- (3) Appendix 6-3 applies to students enrolled in 2021 and after.

(Maximum number of credits for registration)

Article 6

The maximum number of credits per semester shall be set at 22 credits to ensure appropriate study time when

taking classes. However, the following subjects shall not be included in the number of credits taken.

(1) Appendix 7-1 applies to students enrolled before the academic year 2015.

(2) Appendix 7-2 applies to students enrolled in the 2016 academic year or later.

(3) Appendix 7-3 applies to students enrolled in 2021 and after.

(Credit earned)

Article 7

Students shall earn the prescribed credits when they complete class subjects and are certified as passing based on a comprehensive evaluation of assignment submissions, examinations, and other factors.

(Eligibility for credit acquisition)

Article 8

If a student is absent for more than one-third of the class hours specified for each class subject, the student shall lose the qualification to receive credit for that class subject.

Article 9 Deleted.

(Fees for taking courses)

Article 10

Students may be required to pay expenses other than tuition fees (e.g., transportation fees) for practical training, exercises, etc., when taking classes. Students must bear these actual costs.

(Absence Report)

Article 11

If a student is absent from class for any of the following reasons, the student shall submit an absence report immediately after the reason arises.

- (1) In case of infectious disease (influenza, etc.)
- (2) In case of bereavement of a family member (first, second, or third degree)
- (3) In case of public disaster, accident, etc.
- (4) When the University deems it necessary, such as for training or job hunting.
- 2. The notification in each item of the preceding paragraph shall be accompanied by documents, etc., to prove it (medical certificate, certificate of healing, documents related to the funeral, certificate of the public institution, documents to prove training and employment activities, etc.).
- 3. Except Item 2 of Paragraph 1, absences according to Paragraph 1 may be considered at the discretion of the teacher in charge when absent from regular examinations when it concerns the qualification for recognition of credit acquisition as per Article 7.
- 4 Absences following Item 2 of Paragraph 1 shall be treated as attendance as follows.
- (1) Parents and children (first degree) and spouse: 7 consecutive days (including holidays) from the date of the request.

(2) Grandparents and siblings (second degree of kinship): 5 consecutive days (including holidays) from the day the request is made.

(3) Great-grandparents, uncles, aunts (third degree of kinship): 3 consecutive days (including holidays) from the date of the request.

Chapter 3. Testing

(Exam qualification)

Article 12

Students may not take any courses other than those for which they have registered in advance.

(Test)

Article 13

1. Examinations shall be held at the end of the academic year in full-year classes and at the end of the semester in the case of semester-long classes. However, depending on the subject, examinations may be held from time to time as deemed necessary by the teacher in charge.

- 2. The method, schedule, time, and place of the examination shall be publicly announced each time.
- 3. Notwithstanding the provision of the preceding paragraph, assignments, etc., may be substituted for end-of-year or end-of-semester examinations.

(Additional test)

Article 14

Students who were unable to take the examinations due to the circumstances described in each item of Article
Paragraph 1, may take a make-up examination if they submit an absence report, attach documents proving
the unavoidable circumstances and the Director of Educational Affairs gives permission. However, depending on

the evaluation standards of the course instructor, it may not be possible to take the supplementary examination.

- 2. Those who wish to take the supplementary examination must submit the prescribed application for the supplementary examination within the specified period and receive permission.
- 3. If no request is made within the period of time specified in the preceding paragraph, the applicant will not be allowed to take the examination.

(Retest)

Article 15

Re-examinations may be given for subjects that have failed in Article 13.

- 2. Those who wish to take the retest must, as a general rule, apply for and receive permission to take the retest within a specified period after the announcement of the candidates for the retest by submitting the prescribed application for the retest together with the fee specified separately.
- 3. If no request is made within the time specified in the preceding paragraph, the applicant will not be allowed to take the examination.

(cheating)

Article 16

In the case of cheating in each examination, all the subjects taken during that period shall be considered invalid. Those who have committed fraud will be punished following the school regulations.

Chapter 4. Grading

(Grading)

Article 17

1. Each instructor shall comprehensively evaluate the grade of a course, considering the grades of examinations, supplementary examinations, and retests, the level of participation in the class, and the status of the standard study.

2. Grades will be based on the following five levels, with S, A, B, and C passing grades and D failing grades.

100 to 90 points S

89 to 80 points A

79 to 70 points B

69 to 60 points C

59 points or less D

3. The grade for a student who passes a retest will not exceed the minimum grade for a student who passes a regular exam.

4. "D" is for a grade that is not passable and not worthy of evaluation.

(GPA)

Article 18

1. The Grade Point Average (hereinafter referred to as "GPA") shall be used as an index to judge overall academic performance. Article 18.

2. GPA is calculated by dividing the sum of the product obtained by multiplying the grade for each class by the number of credits for that class by the total number of registered credits for the class. In calculating the GPA, the number of credits for courses with a grade of "Approved" is not included.

Chapter 5. Others

(Head of Grade, Class Advisor)

Article 19

Each year, there shall be provided guidance by a deputy during the beginning of a new fiscal year to the students. In addition, full-time faculty members in charge from the first year to the fourth year shall act as advisors to students assigned to their classes, and provide course counseling, guidance, and advice.

Article 20

Office hours shall be set for two class periods each week.

(Course guidance based on GPA)

Article 21

If a student's GPA is below 1.0 for more than two consecutive semesters, the class advisor and the assistant advisor will hold a four-way discussion with the student, parents, and the class advisor. Suppose a student has two or more consecutive semesters with a score below 1.0. In that case, the class advisor and assistant advisor will hold a four-way discussion with the student and his/her parents to provide a warning and academic guidance. (Approval of credits already earned)

Article 22

Credits for courses that have been previously earned and are approved as credits for courses taken at the University shall be written as "approved" after hearing the opinion of the Faculty Council.

(Amendment and abolition of regulations)

Article 23

The President shall make amendments or abolition of these regulations after hearing the opinions of the Faculty Council.

Supplementary Provisions

These regulations shall come into effect as of April 1, 2010.

Supplementary Provisions (Approved by the Faculty Council on November 5, 2014)

These regulations shall come into effect on April 1, 2014.

Supplementary Provisions (Approved by the Faculty Council on July 13, 2015)

These regulations shall be revised and enforced as of April 1, 2015.

Supplementary Provisions (Approved by the Faculty Meeting on February 23, 2008)

These regulations shall be revised and enforced as of April 1, 2016.

Supplementary Provisions (Approved by the Faculty Meeting on October 17, 2008)

This enactment shall be revised and enforced as of October 17, 2016.

Supplementary Provisions (Approved by the Faculty Meeting on January 23, 2009)

These regulations shall come into effect on April 1, 2017.

Supplementary Provisions (Approved by the Faculty Meeting on July 10, 2009)

These regulations shall be revised and enforced as of April 1, 2017.

Supplementary Provisions (Approved by the Faculty Meeting on July 10, 2009)

These regulations shall be revised and enforced as of April 1, 2008.

Supplementary Provisions (Approved by the Faculty Meeting on January 22, 2008)

These regulations shall be revised and enforced as of April 1, 2008.

Supplementary Provisions (Approved by the Faculty Meeting on April 16, 2008)

These regulations shall be revised and enforced as of April 1, 2008.

Supplementary Provisions (Approved by the Faculty Meeting on June 11, 2008) These regulations shall be revised and enforced as of April 1, 2008. Supplementary Provisions (Approved by the Faculty Council on December 17, 2008) These regulations shall be revised and enforced as of April 1, 2019. Supplementary Provisions (Approved by the Faculty Meeting on March 25, 1991) These regulations shall be revised and enforced as of April 1, 2019. Supplementary Provisions (Approved by the Faculty Meeting on March 2, 2020) These regulations shall be revised and enforced as of April 1, 2020. Supplementary Provisions (Approved by the Faculty Council on August 3, 2020) These regulations shall be revised and enforced as of April 1, 2020. Supplementary Provisions (Approved by the Faculty Council on August 3, 2020) These regulations shall be revised and enforced as of April 1, 2020. Supplementary Provisions (Approved by the Faculty Meeting on March 22, 2021) These regulations shall be revised and enforced as of April 1, 2020.

Attached Table (related to Article 2 and Article 8)

Courses offered, number of credits, dividend year and semester

See Appendix 4.

See Appendix 5.

[Appendix 1-2

Applicable to students enrolled in the 2008 academic year or later

General Education	Humanities and Society, Nature and Environment, Language, Information and
Courses	Sports
Specialized Education	Basic specialized subjects, specialized subjects, general subjects

[Exhibit 4-3].

Applicable to students entering in 2021 or later (common to both the Department of Animal Health Technology and the Department of Human Animal Relations)

Subject group			Number of credits			
		Course title	Required	Selective	Year Semester	Remarks
	-1		(subject)	(subject)		
		Bioethics	2		2nd years Autumn	
	Humanities	Philosophy		2	1st year Spring	
		Law in Everyday Life		2	1st year Spring	
General		Life and Economy		2	1st year Spring	
Education Courses	and Society	History of Art		2	2 nd year Autumn	
		Psychology		2	1st year Autumn	
		Animals and Journalism		2	2 nd year Autumn	
		Career Management		2	2 nd year Autumn	

	Basic biology	2		1st year Autumn
Nature an	d			
Environment	Basic Chemistry	2		1st year Spring
	Basic Biochemistry		2	1st year Autumn
	Environmental Science		2	2nd year Autumn
	English I	1		1st year Spring
	English II	1		1st year Autumn
	English III	1		2nd year Spring
Language,	English IV	1		2nd year Autumn
Information,	French Basic Course		2	1st year Autumn
and Sports	Information literacy (basic)	1		1st year Spring
	Information literacy (applied)	1		1st year Autumn
	Wellness & Physical Activity (including practical skills)		2	2nd year Spring
Subtotal		12	22	

[Exhibit 5-4

Applicable to students entering after 2021 (Department of Animal Health Technology)

Subject group		Course title	Number of credits		Year Semester	Remarks
			Required	Selective		
			(subject)	(subject)		
		Introduction to Life Science	2		2nd year Spring	
		Biotechnology		2	3rd year Autumn	
		Veterinary Technology Outline	2		1st year Spring	
		Introduction to Animal-Human Relationship	2		1st year Autumn	
		Studies				
		Veterinary Functional Anatomy	2		1st year Spring	
	Basic	Animal physiology	2		1st year Autumn	
Specialized	Subjects	Practice for Veterinary Functional Anatomy	2		2nd year Spring	
Education		Animal Ecology	2		2nd year Spring	
		Ethology (study of animal behavior)	2		2nd year Autumn	
		Animal Genetics	2		1st year Autumn	
		Theriogenology	2		3rd year Autumn	
		Animal Pharmacology	2		2nd year Spring	
		Animal Pathology	2		2nd year Spring	
	Special	Veterinary Technology-Basic	2		1st year Spring	

Subjects	Veterinary Technology-Basic Training	2		1st year Autumn
	Veterinary Technology-Internal Medicine	2		2nd year Autumn
	Veterinary Technology-Internal Medicine,	2		2nd year Autumn
	Student Laboratory			
	Veterinary Technology - Surgery	2		3rd year Spring
	Veterinary Technology-Surgery,	2		3rd year Spring
	Student Laboratory			
	Animal Clinical Nursing (Comprehensive)		2	3rd year Autumn
	Veterinary Technology-Comprehensive Training		2	3rd year Autumn
	Animal Clinical Examination Study	2		2nd year Spring
	Animal Clinical Examination Study-Student	2		2nd year Spring
	Laboratory			
	Specific Examination		2	4th years Autumn
	Equipment Theory for Veterinary Medicine	2		3rd year Spring
	Veterinary Oral Care		2	3rd year Autumn
	Practice of Veterinary Oral Care		2	3rd year Autumn
	Zoonosis	2		3rd year Autumn
	Public Health	2		2nd year Autumn
	Animal Biochemistry		2	3rd year Spring
	Microbiology	2		3rd year Autumn
	Hematology		2	3rd year Autumn
	Parasitology	2		2nd year Spring
	Small Animal Radiology	2		3rd year Spring
	Small Animal Nutrition	2		2nd year Spring
	Small Animal Clinical Nutrition	2		2nd year Autumn
	Veterinary Nursing of Exotic Animals	2		4th year Spring
	Veterinary Nursing Social Work	1		4th years Spring
	Theories of Pet Loss and Bereavement		2	4th years Spring
	An Introduction to Medical Rehabilitation		2	3rd year Spring
	Veterinary Rehabilitation and Physical Therapy		2	4th years Spring
	Veterinary Practice	2		3 rd year
	Animal Care and Management	2		1st year Spring
	Animal Care and Management Practice	2		2 nd year
	Study of Companion Animal Care(Grooming)	2		1st year Spring
	Practice of Companion Animal Care(Basic	-	2	1st year
	Grooming)		2	ist year
	Practice of Companion Animal Care	2		3rd year Spring
	(Advanced Grooming)	L		Siù year Spring

		Practice of Companion Animal Behavior	1		3rd year Spring	
		Farm Animal Science	1		3rd years Autumn	
		Laboratory Animal Science	2		2nd year Autumn	
		Wild Animal Science	2		1st year Spring	
		Act on Animal Kindness and Welfare		2	4th year Autumn	
		Geriatrics	2		4th year Spring	
		Medical Safety		2	4th year Spring	
		Home Visit Animal Nursing Care		2	4th year Autumn	
		Pet-related Industry Theory	2		4th year Spring	
		Scientific English		2	3rd year Spring	
		Statistics		2	2nd year Autumn	
		Practice in Animal Health Technology		1	4th year Autumn	
		Graduation thesis	4		4th year	
		Internship		2	3 rd , 4th year	
		Volunteer Study & Activity		1	1st to 4th year	
G	eneral	Short-term Animal Practical Training Abroad		4	1st to 4th year	
รเ	ubject	Special Seminar I	1		1st to 4th year	alternate week
		Special Seminar II	1		1st to 4th year	alternate
			89	50		Week
Subt	otal		101	72		
Tot	tal		101	72		
Remarks						
Earned credit	ts in speci	alized education courses offered in the Department	of Human	Animal	Relations will be cons	idered as
lectives in th	ne speciali	ized education courses and will be counted toward	graduation	requirem	ients.	

[Exhibit 5-5

Applicable to s	students admitted	l in 2021 or late	r (Department	of Human	Animal Relations)
- ppmenore to t	second of the second		1 (2 eparement	01 110111011	

Subject Group		Course title	Number of credits			
			Required	Selective	Year Semester	Remarks
			(subject)	(subject)		
		Introduction to Life Science	2		2nd year Spring	
		Biotechnology		2	3rd year Autumn	
Specialized	Basic	Veterinary Technology Outline	2		1st year Spring	
Education	Subjects	Introduction to Animal-Human Relationship	2		1st year Autumn	

	Veterinary Functional Anatomy	2		1st year Spring	
	Animal physiology	2		1st year Autumn	
	Practice for Veterinary Functional Anatomy		2	2nd year Spring	
	Animal Ecology		2	2nd year Spring	
	Ethology (study of animal behavior)	2		2nd year Spring	
	Animal Genetics	2		1st year Autumn	
	Theriogenology	2		3rd year Autumn	
	Animal Pharmacology		2	2nd year Spring	
	Animal Pathology		2	2nd year Spring	
	Veterinary Technology-Basic	2		1 year Spring	
	Veterinary Technology-Basic Training	2		1st year Autumn	
	Veterinary Technology-Internal Medicine		2	2nd year Autumn	
	Veterinary Technology-Internal Medicine,		2		
	Student Laboratory		2	2nd year Autumn	
	Veterinary Technology - Surgery		2	3rd year Spring	
	Veterinary Technology-Surgery,		2	3rd year Spring	
	Student Laboratory				
	Animal Clinical Examination Study		2	2nd year Spring	
	Animal Clinical Examination Study-Student		2	2nd year Spring	
	Laboratory				
	Zoonosis	2		3rd year Autumn	
	Public Health	2		2nd year Autumn	
Special	Parasitology	2		2nd year Spring	
Subjects	Small Animal Nutrition	2		2nd year Spring	
	Human-Animal Interaction	2		2nd year Autumn	
	Social welfare		2	3rd year Spring	
	Clinical psychology		2	3rd year Spring	
	Communication	1		3rd year Autumn	
	Theories of Pet Loss and Bereavement	2		4ht year Spring	
	Theory of Animal Assisted Therapy	2		3rd year Spring	
	Practice of Animal Assisted Therapy		2	3rd year Autumn	
	Theory of Assistance Dog	2		3rd year Spring	
	Companion Animal Breeding and Their				
	Resources		2	3rd year Spring	
	Animal Rearing	2		1st year Spring	
	Practice of Animal Rearing	2		2nd year	
	Study of Companion Animal Care(Grooming)	2		1st year Spring	

	Practice of Companion Animal Care(Basic	2		1st year	
	Grooming) Practice of Companion Animal Care				
	(Advanced Grooming)		2	2nd year	
	Practice of Companion Animal Behavior		1	3rd year Autumn	
	Companion Dog Training Theory		2	3rd year Autumn	
	Companion dog training practice		2	4th year Spring	
	Characteristic theory of dogs and cats	2		3rd year Spring	
	Characteristics Theory of Exotic Animals	ory of Exotic Animals 2 3rd year Autumn ompanion Birds 2 3rd year Spring		3rd year Autumn	
	Characteristics of Companion Birds				
	Gerontology and Dog Walking		2	3rd year Autumn	
	Farm Animal Science	1		3rd year Spring	
	Laboratory Animal Science	1		3rd year Autumn	
	Wild Animal Science	2		2nd year Autumn	
	Act on Animal Kindness and Welfare	2		1st year Spring	
	Medical Safety	2		4th year Autumn	
	Animal Health Emergency Management	2		4th year Autumn	
	Pet-related Industry	2		4th year Spring	
	Pet Business Entrepreneurship		2	4th year Autumn	
	Consumer Behavior Analysis		2	4th year Autumn	
	Information Risk Management		2	4th year Spring	
	Animals in Art		1	1st year Spring	
	Animal Cultural Anthropology		2	3rd year Spring	
	Aquatic zoology		2	3rd year Autumn	
	Zoo and Aquarium Science		2	3rd year Spring	
	Pestology		2	3rd year Autumn	
	Scientific English		2	3rd year Spring	
	Academic Skills	2		3rd year Spring	
	Statistics		2	2nd year Autumn	
	Practice in Animal Health Technology		1	4th year Autumn	
	Graduation thesis		4	4th year	
General	Internship		2	3rd, 4th year	
subject	Volunteer Study & Activity		1	1st to 4th year	
	Short-term Animal Practical Training Abroad		4	1st to 4th year	
	Special Seminar I	1		1st to 4th year	alternate week
	Special Seminar II	1		1st to 4th year	alternate

						week
Sub	total			61	76	
Total				73	98	
Remarks						
If a student takes and earns credits in specialized education courses offered by the Department of Animal Health Technology,						

they will be considered as electives in the specialized education courses and will be counted toward graduation requirements.

[Exhibit 6-3].

Applicable to students entering in 2021 or later (Common to both the Department of Animal Health Technology

and the Department of Human Animal Relations)

Animal Clinical Nursing, Animal Clinical Laboratory Science

stage	Course title	Dividend Year
		semester
1st stage	Veterinary Technology Outline	1st year Spring
	Veterinary Technology-Basic	1st year Spring
	Veterinary Technology-Basic Training	1st year Autumn
2nd stage	Veterinary Technology-Basic	2nd year Spring
	Veterinary Technology-Basic Training	2nd year Spring
	Veterinary Technology-Internal Medicine	2nd year Autumn
	Veterinary Technology-Internal Medicine, Student Laboratory	2nd year Autumn
	Veterinary Technology - Surgery	3rd year Spring
	Veterinary Technology-Surgery, Student Laboratory	3rd year Spring
	Veterinary Practice	3rd year
	Veterinary Technology-Comprehensive	3rd year Autumn
	Veterinary Technology-Comprehensive Training	3rd year Autumn
Remarks		
In order to enr	roll in the Veterinary Practice (3 year), students must have completed Veteri	nary Technology-Basic (2 years

and Veterinary Technology-Internal Medicine (2nd year autumn).

[Exhibit 7-3

Applicable to students entering after 2021

Subject group	Course title	Number of credits		Dividend Year
		Required	Selective	semester
		(subject)	(subject)	
Specialized General	Internship		1	3rd and 4th year

Education	Subject	Volunteer Study & Activity		1	1st to 4th year
		Short-term Animal Practical Training Abroad		4	1st to 4th year
		Special Seminar I	1		1st year
		Special Seminar II	1		4th year

Yamazaki University of Animal Health Technology Bylaws Concerning Tuition and Other Fees for Students Enrolling Beyond the Completion of Their Course of Study

(Purpose)

Article 1

These bylaws shall be based on Article 49-2 of the Yamazaki University of Animal Health

Technology(hereinafter referred to as the "College Regulations"). Article 1 These bylaws shall stipulate the necessary matters concerning the handling of school fees, etc. for students who are enrolled in the University beyond the period of study, inaccordance with the provisions of Article 49-2 of the University Regulations of Yamazaki University of Animal Health Technology (hereinafter referred to as the "University Regulations").

(School fees)

Article 2

- 1. The tuition for students who are enrolled beyond the term of study shall be the amount obtained by multiplying the number of credits for the class subjects registered for the relevant term by 50,000 yen and the amount for the relevant term shall be paid.
- 2. Notwithstanding the provisions of the preceding paragraph, the maximum amount of tuition for the relevant semester shall be one-half of the amount stipulated in Appendix 2 of Article 45 of the School Regulations.
- 3. The school fees prescribed in Paragraph 1 shall not apply to students whose period of enrollment, excluding the period of absence, is less than four years.

(Commissioned collection dues)

Article 3

- 1. As a general rule, membership fees collected on behalf of students who are enrolled beyond the completion of their course of study shall not be handled.
- 2. The provisions of the preceding paragraph shall not apply to those who have been enrolled in school for less than four years, excluding the period of absence.

(Supplementary Provision)

Article 4

In addition to what is provided for in these Bylaws, the President shall determine, after discussion by Chairperson of the Board of Trustees, any necessary matters concerning the handling of school fees, etc., for students who are enrolled beyond the

completion of their course of study.

(Revision and abolition of bylaws)

Article 5

The President shall determine the revision or abolition of these bylaws after discussion by Chairperson of the

Board of Trustees.

Supplementary Provisions

These bylaws shall be established and enforced as of April 1, 2014.

Supplementary Provisions (Approved by the Board of Directors on July 20, 2017)

These bylaws shall be revised and enforced as of April 1, 2008.

(end)