

ILAS Course Catalog #2

Recommended Courses for KUINEP Students & Additional Liberal Arts and Sciences Courses

2022 Fall Semester

Kyoto University

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Recommended Courses for KUINEP Students

Lecture code: HB02001

Course number		U-LAS07 10002 LE31					
Course title (and course title in English)		Culture and Traditions in Japan II Culture and Traditions in Japan II		Instructor's name, job title, and department of affiliation Institute for Liberal Arts and Sciences Associate Professor, YUKAWA SHIKIKO			
Group		Humanities and Social Sciences		Field(Classification) Understanding Japan			
Language of instruction		English		Old group Group A		Number of credits 2	
Number of weekly time blocks		1		Class style Lecture		Year/semesters 202•• Second semester	
Days and periods		Mon.5		Target year All students		Eligible students International students	
[Overview and purpose of the course]							
年中行事、食文化、日本人の美的嗜好、信仰、結婚や家族、職、日本人のコミュニケーションスタイルなど、様々な側面から日本の文化や伝統、またその歴史的変遷について考察していく。 We will explore Japanese culture and its traditions from classical to modern times from a variety of angles: Japanese annual traditions, food culture, aesthetic tastes, religion, marriage/family, work and communication styles, to name a few.							
[Course objectives]							
日本への関心を広げ、そして深めること。日本の文化と自国の文化とを比較し、その共通点と相違点を見出し、より深く理解できるようになること。 2014 9 2017 6 Vocational Training as a sales associate The primary goal of this class is for students to broaden and deepen their understanding of Japan, its culture and its people. Students should also take the opportunity to compare Japanese culture with their own in order to identify and gain a better understanding of points of similarity and difference between the two.							
[Course schedule and contents]							
授業は 1) 以下のテーマに基づく講義および、2) 受講生によるグループ発表によって行われる。講義の内容・順番は授業の進みぐあいを見て変更することがある。学期末には期末試験を行う。 1) 第1回目～第11回目《講義》 第1～2回目： 日本の食文化と生活様式の変化、日本の年中行事・儀礼 第3～4回目： 日本人の美意識 第5～6回目： 日本人とのコミュニケーション、日本人の価値観・思考パターン 第7～9回目： 日本の婚姻制度と家族 一戦前と戦後一、グループ発表の準備 第10～11回目： 日本人と仕事、グループ発表の準備 2) 第12～14回目《グループ発表》 最後の3回の授業では、日本の文化や社会の中で関心を持っているトピックについて、3～4人からなるグループ発表を英語で行う。発表の具体的な日程や要領については、初回の授業で説明する。 ・ 期末試験 ・ フィードバックの回（日時は後日通知する）							
Continue to Culture and Traditions in Japan II(2) ↓ ↓ ↓							

Culture and Traditions in Japan II(3)
[Textbooks]
授業中に資料を配布する。 Handouts will be provided in class.
[References, etc.]
(Reference book) 1) Varley, Paul, Japanese Culture: Fourth Edition, University of Hawai'i Press, 2000. 2) Hendry, Joy, Understanding Japanese Society, Fourth edition, Routledge, 2013. 3) Sugimoto, Yoshio, An Introduction to Japanese Society, Second edition, Cambridge University Press, 2003. 4) Davies, Roger J. and Ikeno, Osamu (editors), The Japanese Mind: Understanding Contemporary Japanese Culture, Tuttle Publishing, 2002. 5) Martinez, D. P. (editor), Modern Japanese Culture and Society, Volumes I-IV, Routledge Library of Modern Japan, 2007.
[Study outside of class (preparation and review)]
グループ発表では、グループのメンバーと協力し、各自責任をもって必要な準備・練習を行うこと。 For the group presentations, students are expected to cooperate with the members of their group and to do their fair share in preparing for and rehearsing their presentation.
[Other information (office hours, etc.)]
オフィスアワーの場所・時間はKULASISで確認してください。 For my office hour location/times, please check KULASIS.

Course number		U-LAS07 10004 LE31			
Course title (and course title in English)	Current Issues in Japan II Current Issues in Japan II			Instructor's name, job title, and department of affiliation	Part-time Lecturer,SAKODA SAYAKA
Group	Humanities and Social Sciences		Field(Classification)	Understanding Japan	
Language of instruction	English		Old group	Group A	Number of credits 2
Number of weekly time blocks	1	Class style	Lecture		Year/semesters 202•• Second semester
Days and periods	Thu.5		Target year	All students	Eligible students International students
[Overview and purpose of the course]					
<p>The primary purpose of this class is to deepen our understanding of a variety of issues in Japan. Japan is the world’ s third-largest economy and can be categorized as one of the world's most prosperous nations. However, there are many seemingly intractable challenges that the country and people are facing. Throughout this class, we will cover a wide variety of these issues that Japan is currently facing. During this course, participants will learn about the low birth rate, the aging society, marriage, divorce, gender, economic inequality, labour issues, poverty, Hikikomori, discrimination social exclusion, medical services, and other aspects of the country.</p> <p>The course consists of lecture-based instruction followed by guided discussion and short and final essay. At the end of each class, students are expected to discuss the lecture topics and consider policies.</p>					
[Course objectives]					
<p>The primary goal of this class is that the students could deepen their understanding as followings:</p> <p>1. Based on statistical data and official documents, analyzing the social issues in current Japan by using the methods of economics and sociology.</p> <p>2. Comparing Japanese society's characteristics and social problems in modern Japan with those of other countries.</p>					
[Course schedule and contents]					
<p>The tentative schedule is as follows. However, it may be changed according to the progress of the class and requests by students.</p> <p>Population Issues</p> <p>Week 1) Introduction</p> <p>Week 2) The Population Pyramid and its Transition</p> <p>Week 3) Institutional Design for Low Fertility and Aging Society</p> <p>Week 4) Marriage and Non-marriage.</p> <p>Gender Issues</p> <p>Week 5) History of Women's Empowerment in Society</p> <p>Week 6) Division of Labor in the Household: Comparison with other countries</p> <p>Week 7) Gender Consciousness and Marriage</p> <p>Week 8) Divorce/Sexual Infidelity Behavior Economic Disparities</p> <p>Week 9) Japan's Economic Disparities (1)</p> <p>Week 10) Japan's Economic Disparities (2)</p> <p>Week 11) Economic Efficiency and Income Redistribution Policies</p>					
----- Continue to Current Issues in Japan II(2) ↓ ↓ ↓					

Current Issues in Japan II(2)					

<p>Week 12) How to write academic essay: for non-social science students</p> <p>Labour Issues and Poverty</p> <p>Week 13) Labour patterns in Japan (non-regular employment, freeters, and NEETs) and its problems</p> <p>Week 14) Social Exclusion, Hikikomori, Discrimination</p> <p>Feedback</p>					
[Course requirements]					
This class is limited to international students. No prerequisites are required. It would be appreciated if you are interested in and committed to learning about Japan's current issues and comparing them with the mother country.					
[Evaluation methods and policy]					
the attendance to the class:30%, Final essay:70%					
[Textbooks]					
Handouts will be distributed at each class.					
[Study outside of class (preparation and review)]					
Review the contents of the lectures and prepare for the essay					
[Other information (office hours, etc.)]					
No specific date and time. Please make an appointment by e-mail.					

Additional Liberal Arts and Sciences Courses

Lecture code: W607002

Course number		U-LAS54 10007 SJ47			
Course title (and course title in English)		日本語・日本文化演習 Japanese Language & Culture		Instructor's name, job title, and department of affiliation Institute for Liberal Arts and Sciences Professor,KAWAI JUNKO Institute for Liberal Arts and Sciences Senior Lecturer,AKUZAWA KOYO Center for the Promotion of Interdisciplinary Education and Research Program-Specific Assistant Professor,NISHIJIMA KAORU	
Group	Career Development		Field(Classification)		Other Career Development Courses
Language of instruction	Japanese and English		Old group		Number of credits 2
Number of weekly time blocks	1	Class style	Seminar		Year/semesters 202•• Second semester
Days and periods	Tue.2		Target year	All students	Eligible students For all majors
[Overview and purpose of the course]					
<p>本授業では、まず講義で日本語や日本文化の特徴、およびその様々な検討方法を学ぶ。その際、日本文化を広義に定義し、その範囲に日本社会の状況、社会問題をも含んで講義を進めていく。</p> <p>そして、日本語、日本文化、日本の社会状況を紹介する経験とその準備を通して、日本人学生と留学生が共に、日本語、日本文化、社会状況ならびに自分自身が身につけてきた言語や文化、そして自分自身が育ってきた社会の特徴を再発見することを目指す。そして、その過程を通じて、グローバルな視野に立った物の見方・考え方を養うことを目的とする。</p> <p>In this class, both Japanese and international students will be introduced to and exchange views on Japanese language and cultures. We define culture broadly in this class to include social conditions and problems in Japanese society.</p> <p>Learning about Japanese culture together will allow students of all backgrounds to rediscover their own cultures and develop new perspectives regarding languages, cultures and social conditions in today's global contexts.</p>					
[Course objectives]					
<p>・日本語、日本文化、日本の社会状況ならびに自分自身が身につけてきた言語、文化を捉える多様な視点を学ぶこと。</p> <p>・日本語、日本文化、日本の社会状況を紹介し、異なる文化的背景を持つ学生間で議論を行うことによってグローバルな視野に立った物の見方・考え方を身につけること。</p> <p>・母語とは異なる言語による、より効果的なプレゼンテーション及びディスカッションの技法を習得すること。</p> <p>・ To gain understanding of diverse viewpoints and develop various perspectives on Japanese language and cultures including social conditions and issues as well as on international students' cultures</p> <p>・ To be able to introduce various aspects of Japanese language, cultures including social conditions and issues through presentations</p> <p>・ To learn presentation method and how to actively join discussions</p>					
[Course schedule and contents]					
<p>多様な文化を有する人たちとの交流の中で、自国文化や社会的状況を多面的に理解し紹介できることが要請される場面は多い。日本人であっても日本語や日本文化について深い理解をもって解説するためには、言語・文化に意識的に向き合わなければならない。本授業は、日本語や日本文化を意識的に捉え、深い理解に立って他者と見方や考え方を共有できるようなることを目的に、講義を中心としながら、演習・討議を交えて進めていく。</p>					
----- Continue to 日本語・日本文化演習(2) ↓ ↓ ↓					

日本語・日本文化演習(2)	

第1回(1) オリエンテーション <担当：河合、阿久澤、未定>	
<p>[第1回(2) ー第7回 ー日本語の特徴と日本語教育方法ー]</p> <p>前半全体の内容</p> <p>講義：日本語の特徴と日本語教育方法の基礎についての講義を行う。</p> <p>演習：複数グループ(留学生+日本人)に分かれて、直接法で(ゼロ初級対象の)模擬授業を行う。模擬授業を実際に受ける。模擬授業にコメントをする。</p>	
第1回(2) <阿久澤>	
講義：導入	
第2回 <阿久澤>	
講義：日本語の基本的特徴	
演習：ディスカッション 及び プレゼンテーションの準備(1)	
第3回 <阿久澤>	
講義：日本語教育方法の基礎	
演習：ディスカッション 及び プレゼンテーションの準備(2)	
第4回 <阿久澤>	
講義：日本語教育方法変遷の歴史	
演習：ディスカッション 及び プレゼンテーションの準備(3)	
第5回, 第6回 <阿久澤>	
演習：リハーサル&プレゼンテーション（模擬授業）に向けたフィードバック	
第7回 <阿久澤、河合、未定>	
プレゼンテーション	
[第8回ー第14回 ー日本文化・日本社会の特徴ー]	
第8回 <河合、未定>	
講義：文化の定義と比較の方法	
第9回 <河合、未定>	
講義：日本文化、日本社会の特徴の検討（1）	
演習：ディスカッション 及び プレゼンテーションの準備(1)	
第10回 <河合、未定>	
講義：日本文化、日本社会の特徴の検討（2）	
演習：ディスカッション 及び プレゼンテーションの準備(2)	
第11回 <河合、未定>	
講義：日本文化、日本社会の特徴の検討（3）	
演習：ディスカッション 及び プレゼンテーションの準備(3)	
----- Continue to 日本語・日本文化演習(3) ↓ ↓ ↓	

日本語・日本文化演習(3)

第12回, 第13回<河合、未定>
リハーサル&プレゼンテーションに向けたフィードバック

第14回 <河合、未定、阿久澤>
プレゼンテーション(日英選択可)

第15回 <河合、阿久澤、未定>
フィードバック

When people from different cultural backgrounds meet, it offers an opportunity not only to exchange views, but also to introduce and reflect on aspects of one's own culture and society. Consciously learning about a culture and discussing it with others leads to deeper understanding and a better ability to explain elements of that culture. In this way, this course is beneficial for both international and Japanese students. The class consists of lectures and seminars as well as discussions and student presentations. We will examine Japanese language and culture from a variety of angles and share views among classmates from various cultural and social backgrounds

1(1) Guidance [Kawai, Akuzawa, TBA]

Part I:
Overview of lectures 1(2)-7
Lectures: Characteristics of Japanese language and language teaching
Seminars: Working in groups composed of international and Japanese students, students develop their own language class using the direct teaching method. They will also experience and comment on the classes developed by classmates.

1(2) [Akuzawa]
Introduction

2 [Akuzawa]
Lecture: Basic aspects of Japanese
Seminar: Discussion and preparing for your presentation (1)

3 [Akuzawa]
Lecture: Basics of Japanese teaching methods
Seminar: Discussion and preparing for your presentation (2)

4 [Akuzawa]
Lecture: History on the development of Japanese teaching methods
Seminar: Discussion and preparing for your presentation (3)

5, 6 [Akuzawa]

Continue to 日本語・日本文化演習(4) ↓ ↓ ↓

日本語・日本文化演習(4)

Seminar: Presentation rehearsal and feedback

7 [Akuzawa, Kawai, TBA]
Final Presentation

Part I: Lectures 8—15
Social scientific approach toward Japanese culture and society in the global context

8 [Kawai, TBA]
Lecture: Definitions of "culture" and comparative studies

9 [Kawai, TBA]
Lecture: Characteristics of Japanese culture and society (1)
Seminar: Discussion and preparing for your presentation (1)

10 [Kawai, TBA]
Lecture: Characteristics of Japanese culture and society (2)
Seminar: Discussion and preparing for your presentation (2)

11 [Kawai, TBA]
Lecture: Characteristics of Japanese culture and society (3)
Seminar: Discussion and preparing for your presentation (3)

12,13 [Kawai, TBA]
Seminar: Presentation rehearsal and feedback

14 [Kawai, TBA, Akuzawa]
Presentation for Part II: Either in Japanese or English

[Kawai, Nishijima, Akuzawa]
Feedback

[Course requirements]

・受講生に日本語初級者が含まれる場合は、主に英語で授業を行います。
・ただし、日本語が母語でない人は、授業の円滑な理解のために初級II以上※の日本語能力を有していることが望ましいです。PPTスライドは日本語のみ、日英併記の場合があります。
※日本語能力試験N5、CEFR A1レベルをクリアしていること。

・ If there are beginner-level Japanese students among the participants, the class will be conducted mainly in English.
・ However, if Japanese is not your first language, for smooth understanding of the class, it is desirable for students to have Japanese language skills of Elementary II or higher*.
PPT slides may be written in Japanese only, or in both Japanese and English.
*Have mastered JLPT N5, CEFR A1 level or higher.

Continue to 日本語・日本文化演習(5) ↓ ↓ ↓

日本語・日本文化演習(5)
[Evaluation methods and policy]
積極的参加態度（30％）、「レポート・発表準備課題、プレゼンテーション」（70％）で評価する。
配点の割合の詳細は講義において示す。
Participation（30％）, "Reports, assignments, and presentations"(70%). Details will be announced in class.
[Textbooks]
プリントを配布する Handouts
[References, etc.]
<p>(Reference book)</p> <p>Readings for each week will be handed out in class. The following books will be our basic guides throughout the course.</p> <p>Part I</p> <p>・中根千枝. 1967. 『タテ社会の人間関係』講談社現代新書 [Nakane Chie, "Japanese Society" 1972 (Center for Japanese Studies, UC Berkeley) ISBN-13: 978-0520021549]</p> <p>Part II</p> <p>荒川洋平(2009)『日本語という外国語』講談社現代新書 [Arakawa, Yohei. 2009. Nihongo-toiu-Gaikokugo (Japanese as a Foreign Language). Kodansha.]</p> <p>大関浩美(2010)『日本語を教えるための第二言語習得論入門』くろしお出版 [Oozeki, Hiromi. 2010. Nihongo-o Oshieru-tame-no Daini-gengo-syuutokuron Nyuumon. (Introduction to Second Language Acquisition Theory for Teaching Japanese). Kurosio.]</p> <p>森篤嗣(編著)(2019)『超基礎 日本語教育』くろしお出版 [Mori, Atsushi, eds., (Choo-kiso Nihongo-Kyooiku (Super Basic of Teaching Japanese). Kurosio.)]</p>
[Study outside of class (preparation and review)]
<p>プレゼンテーションの準備として、段階を追って随時レポート・課題が出される。各自、積極的に準備を行うことが求められる。</p> <p>To prepare for presentation(s), you will be asked to submit several assignments and short reports step by step. Your active participation is expected.</p>
[Other information (office hours, etc.)]
<p>海外留学を考える学生を優先するが、これまでとは異なる新しい視点で日本語・日本文化を考えてみようとする学生や留学生の受講も歓迎する。</p> <p>多文化共学短期派遣プログラム（東アジア）、同アセアンプログラム参加のための推奨科目となっている。また交換留学生の履修推奨科目にもなっている。</p> <p>Although this class was designed for students who plan to study abroad, all local and international students who want to learn about Japanese language and cultures from various different perspectives are welcome. This class is recommended for the local students who are planning to participate in the short term study abroad programs 多文化共学短期派遣プログラム（東アジア）(Short term study abroad (East Asia)) and 同アセアンプログラム（Short term study abroad (ASEAN)) . This class is also one of the "recommended classes" for international exchange students.</p>
<p>※平成27年度以前の卒業要件が適用される学部生が履修し、単位を修得した場合には、単位数の2分の1が卒業に必要な単位として算入されます。</p>

Course number		U-LAS04 20008 LE47			
Course title (and course title in English)	Education in Contemporary Japan			Instructor's name, job title, and department of affiliation	Institute for Liberal Arts and Sciences Professor,KAWAI JUNKO
	Education in Contemporary Japan				
Group	Humanities and Social Sciences		Field(Classification)	Pedagogy, Psychology and Sociology(Issues)	
Language of instruction	English		Old group	Group A	Number of credits 2
Number of weekly time blocks	1	Class style	Lecture		Year/semesters 202•• Second semester
Days and periods	Wed.3		Target year	All students	Eligible students For all majors
[Overview and purpose of the course]					
This course provides an introduction to approaches to and topics in Japanese education. The course examines the characteristics of schooling in Japan from the past to today, and includes analysis of contemporary issues in education.					
"Education" has several functions: it transmits values, culture, and customs while at the same time instilling societal rules, and selecting individuals (for example through examinations) and allocating them in a certain position within the society. We will study how these social functions operate in Japanese society by comparing Japan's educational system with that of other countries. Students are encouraged to share their own knowledge and experiences.					
Class will be interactive, mixing both lectures and discussions with activities, including a field trip, either virtual visit or real visit depending on the situation, to a local school. Throughout the whole course, students will have opportunities to take a close look at what is happening and what has happened in Japanese society by examining Japanese education from various perspectives.					
[Course objectives]					
<ul style="list-style-type: none">• To gain knowledge and understanding of the characteristics of Japanese education through comparisons with other countries and students' own experiences.• To develop interest and skills to participate in discussions with classmates from various cultural backgrounds.• To develop skills in critical analysis through structured reading, written assignments, and a field observation.					
[Course schedule and contents]					
Topics					
1. Introduction to approaches to education (Session 1)					
2. Overview of Japanese education system (Session 1-2)					
3. Characteristics of Japanese education (Session 2-9)					
(1) Historical background for understanding contemporary Japanese education					
(2) Egalitarianism in Japanese elementary education					
(3) Ability grouping and effort-ism (Spirit of “Gambaru”)					
----- Continue to Education in Contemporary Japan(2) ↓ ↓ ↓					

Education in Contemporary Japan(2)					

(4) Individualism and group harmony					
(5) Life of adolescents - Roles of Japanese school clubs, functions and culture of cram schools, teacher-student relationships, school-family relationships.					
(6) Entrance examinations					
(7) Transition from school to work					
4. Observation in real educational settings: field trip to a local school (method of the visit and date to be decided)					
5. Contemporary education issues (Session 10-14)					
(1) Japanese educational problems: a historical overview					
(2) Ijime (Bullying) and Futoko (Truancy, Non-attendance)					
(3) Over-demanding parents					
(4) Language education					
(5) Studying abroad					
6. Feedback (Session 15)					
[Course requirements]					
None					
[Evaluation methods and policy]					
Participation in class activities (30%), Mid-term report (book review) (30%), and Final report (40%)*.					
*For the final report, students may choose one of the following assignments: (1) A report on observation at school site or (2) An analysis of a personal educational history (In-depth Interview).					
授業への参加(30%)、中間レポート（文献紹介）(30%)、期末レポート(40%)。					
[Textbooks]					
Handouts will be distributed. プリント配布					
[References, etc.]					
(Reference book)					
(1)Apple, Matthew T., Da Silva, Dexter, and Fellner, Terry, Language Learning Motivation in Japan (Second Language Acquisition), Multilingual Matters, 2013					
(2)Cummings, William, Chapter 5, "Egalitarian Education", Education and Equality in Japan, Princeton University Press, 1980					
(3)Fukuzawa, Rebecca E. and LeTendre, Gerald. Intense Years: How Japanese Adolescents Balance School, Family, and Friends, Taylor and Francis, 2001					
(4)Mock, John, Kawamura, Hiroaki, and Naganuma, Naeko, The Impact of Internationalization on Japanese Higher Education: Is Japanese Education Really Changing? Sense Publishers, 2016					
(5)Rohlen, Thomas, Chapter 5 "Space and Time", and Chapter 6 "Organization", in Japan's High School, The University of California Press, 1983					
----- Continue to Education in Contemporary Japan(3) ↓ ↓ ↓					

Education in Contemporary Japan(3)
<p>(6)Shavit, Yossi, and Muller, Walter, (eds.) From School to Work; A Comparative Study of Educational Qualifications and Occupational Destinations, Clarendon Press Oxford, 1998</p> <p>(7)Tobin, Joseph J, Wu, David Y., and Davidson, Dana H. Preschool in Three Cultures; Japan, China, and the United States, Yale University Press, 1989</p> <p>(8)伊藤茂樹「心の問題」としてのいじめ問題」『教育社会学研究 59』1996 [Ito, Shigeki, “IJIME Constructed as a Problem of Mind,” Kyoiku SyakigakuKenkyu, Vol. 59, 1996 (Abridged translations in English will be provided.)]</p> <p>(9)森田洋司『不登校現象の社会学』学文社、1991 [Morita, Yoji, Futokogensho no Shakaigaku, 1991 (Abridged translations in English will be provided.)]</p> <p>(10)小野田正利『悲鳴をあげる学校—親の”イチャモン”から”結びあい”へ』旬報社、第7刷, 2007 [Onoda, Masatoshi, Himei o ageru gakko, 2007 (Abridged translations in English will be provided.)]</p>
[Study outside of class (preparation and review)]
<ul style="list-style-type: none"> • Students are expected to complete the reading assignments and actively participate in class discussion every week. • Students are required to give a 10-15 minute presentation on one of the selected reading assignments as a small group.
[Other information (office hours, etc.)]
<p>During one of the classes between Session 7 and Session 9, we will visit or virtually visit a nearby local elementary school for a participant observation. Students will need to cover any necessary transportation fees and enroll in the Personal Accident Insurance for Students while Pursuing Education and Research.</p> <p>第7回～9回のうち1回は、小学校実習を行う。訪問の方法はその時の状況によって判断する。旅費（交通費）が必要な場合、原則として受講生の負担となる。学生教育研究災害傷害保険に各自加入しておくこと。</p> <p>※ このクラスは英語で行われますが、E2科目ではありません。例年、留学生が受講しており、多様な文化的背景の学生が共に学ぶ機会となっています。</p>

Lecture code: H282002 for Wed.3

H282003 for Wed.2

未更新

Course number	U-LAS01 10004 LE38					
Course title (and course title in English)	Japanese History II-E2 Japanese History II-E2		Instructor's name, job title, and department of affiliation	Institute for Research in Humanities Associate Professor,KNAUDT, Till		
Group	Humanities and Social Sciences		Field(Classification)	History and Civilization(Foundations)		
Language of instruction	English		Old group	Group A		Number of credits 2
Number of weekly time blocks	1	Class style	Lecture		Year/semesters	202•• Second semester
Days and periods	Wed.2/Wed.3		Target year	All students		Eligible students For all majors
[Overview and purpose of the course]						
In class the participants will work on Japanese history from the time of US occupation until the “lost decade” of the 1990s. Special attention will be put on economic high growth’s impact on society, the environment, gender, and youth. Emphasizing Japan’s global entanglement, the course will introduce agents of socio-historical change in the late Showa period and early years of Heisei.						
[Course objectives]						
Knowledge of key phenomena and recent research perspectives of modern Japanese history after 1945.						
[Course schedule and contents]						
1 Introduction 2~4 Japanese society under US occupation (1945~1952) 5~7 The era of economic high growth (1952~1973) 8~10 Crisis and society in late industrial Japan (1973~1995) 11~13 Social movements after 1945 14 Conclusion 15 Feedback						
[Course requirements]						
None						
[Evaluation methods and policy]						
Evaluation will be based on written final report (100%). Students who are absent from three classes or more cannot pass.						
[Textbooks]						
Reading materials will be handed out during class.						
[References, etc.]						
(Reference book) Reading materials will be handed out during class.						
[Study outside of class (preparation and review)]						
Knowledge of modern Japanese history in the Asian and global context is appreciated.						
[Other information (office hours, etc.)]						

Lecture code: H387001

Course number		U-LAS02 20026 LE37					
Course title (and course title in English)	Introduction to Classical Japanese Literature			Instructor's name, job title, and department of affiliation	Institute for Liberal Arts and Sciences Associate Professor,YUKAWA SHIKIKO		
	Introduction to Classical Japanese Literature						
Group	Humanities and Social Sciences		Field(Classification)		Arts, Literature and Linguistics(Issues)		
Language of instruction	English		Old group	Group A		Number of credits	2
Number of weekly time blocks	1	Class style	Lecture		Year/semesters	202•• Second semester	
Days and periods	Wed.3		Target year	All students		Eligible students	For all majors
[Overview and purpose of the course]							
To explore recurrent themes, ideas and values seen in representative works of classical Japanese literature and to gain a better understanding of how some of the ideas or values have changed over time, and how others have been altered to suit changing tastes. 日本古代から室町時代までの代表的な古典を取り上げ、それらに繰り返し現れる重要な文学的概念や類型、また日本古来の社会的規範や価値観などについて考察すると共に、それらがどのように形成され、またどのような変遷を経て、現代にまで継承されてきたかについて考える。							
This course is being offered concurrently to both international students and students of Kyoto University. Hence, students will have ample opportunity to interact and to share their thoughts with other students from a variety of backgrounds and cultures in our discussion of the selected works of literature. We will be using English translations of the original Japanese works as our reading material. Discussion sessions and the final exam will also be completed in English. この授業は、本学に在籍する学生に限らず、海外からの留学生にも開講しているので、受講者は様々な文化的背景を持つ外国人留学生と英語で対話し、日本の古典について意見を交換する機会を得ることができる。また、違う角度から自国の文学や文化を見つめ直すよい機会にもなる。 本授業では、『萬葉集』、『伊勢物語』、『源氏物語』、『方丈記』、『物くさ太郎』など、日本人学生には馴染みのある代表的な作品を扱うが、テキストとしては英訳本を用いる。ディスカッションおよび期末試験も英語で行われる。							
[Course objectives]							
To recognize and understand some of the important and recurring literary themes/patterns/concepts that can be seen in representative works of classical Japanese literature from the Nara to Muromachi Periods, in addition to the Japanese values, social attitudes and ways of thinking from pre-modern times that are reflected in these works. 奈良時代から室町時代までの代表的な作品を読み、それらに繰り返し現れる重要な類型、文学的概念、また日本古来の社会的規範や価値観を見出し、理解すること。							
Before enrolling in this course, please note the following: One of the main objectives of this course is for students to acquire the ability to express their thoughts on the works to be studied in an objective and logical manner based on a careful and close reading of the text, and by citing evidence from the literature. This course is not intended for students to express their subjective opinions or personal preferences with regard to the literary works in question. 本授業では、講義やディスカッションで取り上げられる文学作品について、受講者が主観的な感想							
Continue to Introduction to Classical Japanese Literature(2) ↓ ↓							

Introduction to Classical Japanese Literature(2)	
を述べることが目的としておらず、テキスト (text) に基づいて、客観的且つ論理的に自己の考えを述べられるようになることを目標としている。このことを十分に理解し授業に臨んでもらいたい。	
[Course schedule and contents]	
The course schedule is as follows. This semester we will cover works through the Muromachi Period. The lecture content and schedule are subject to revision as needed.	
1st~2nd classes: Orientation, Monokusa Taro* (Kyoto University Rare Materials Digital Archive “Enjoying Otogi Zoshi with the help of synopsis and illustrations,” second story) 3rd~4th classes: Manyoshu* 5th~6th classes: Kokinwakashu, Taketori Monogatari* 7th~8th classes: Ise Monogatari* 9th~11th classes: Genji Monogatari* 12th~13th classes: Shinkokinwakashu, Hojoki 14th class: Tsurezuregusa, or selected setsuwa narratives 《Final exam》 Feedback class (specific date and time to be announced) Group discussion sessions are scheduled for the works marked with an asterisk *.	
授業計画は以下の通りである。今学期は室町時代までの作品を扱う。授業の進行を見て変更することがある。	
1回目~2回目 オリエンテーション、『物くさ太郎』※（京都大学貴重資料デジタルアーカイブ「挿絵とあらすじで楽しむお伽草子」第2話） 3回目~4回目 『萬葉集』※ 5回目~6回目 『古今和歌集』、『竹取物語』※ 7回目~8回目 『伊勢物語』※ 9回目~11回目 『源氏物語』※ 12回目~13回目 『新古今和歌集』、『方丈記』 14回目 『徒然草』または説話 《期末試験》 フィードバックの回（日時は後日通知する） ※印を付した作品はグループディスカッションを行う予定である。	
What events, what things, what qualities provoked the artistic sensitivities of pre-modern Japanese writers and moved them to literary expression? What appealed to them and what did not? What were the objects of Japanese aesthetic appreciation? In the course of our study, we will attempt to answer these and other questions based on a careful reading of selected works. We will explore themes such as miyabi, mononoahare, wokashi, irogonomi, mujo, etc., as seen in representative works from the Nara to Muromachi Periods. In many cases the themes are recurrent, drawing upon the literature of preceding eras or profoundly influencing that of later periods, and they offer valuable insight into Japanese ideals and ways of thinking. We will also discuss examples, as seen in the text, of pre-modern Japanese conventions, cultural practices and social values — tsumadohi, inton (tonsei), masurawo/tawoyame, to name just a few. 種々の作品を残した日本古典文学の作者達は、どのような出来事、事柄、性質によって刺激を受け、	
Continue to Introduction to Classical Japanese Literature(3) ↓ ↓	

Introduction to Classical Japanese Literature(3)
<p>触発され、そして、その刺激に対し、いかに文学的に答えようとしたのだろうか。どのようなものを好み、どのようなものを敬遠したのだろうか。</p> <p>本授業では、奈良時代から室町時代にかけての代表的な作品の精読を通じて、上記のような問題について考察する。また、実際に例を見ながら、「みやび」、「もののあはれ」、「をかし」、「いろごのみ」、「無常」といった重要なテーマを考える。「妻問ひ」、「隠遁」、「ますらを（振り）・たをやめ（振り）」など、さまざまな社会的慣習、生き方や価値観についても考察を試みる。</p>
[Course requirements]
None
[Evaluation methods and policy]
<p>Assessment will be based on the following:</p> <p>(1) Contribution to discussions and degree of participation (30%).</p> <p>(2) Final exam (70%).</p> <p>成績判定は以下によって行う。</p> <p>(1)ディスカッションへの貢献度・参加度合い（30％）。</p> <p>(2)期末試験（70％）。</p> <p>Grading scale used: raw score based on assessment of (1) and (2) above (maximum 100 points)</p> <p>成績評点の種別：素点（100点満点）</p> <p>Further details of the grading policy will be explained during the first lecture.</p> <p>成績評価基準の更なる詳細は初回の授業時に説明する。</p>
[Textbooks]
<p>Handouts and required reading material will be uploaded to PandA [Resources].</p> <p>PandAの[授業資料・リソース]に資料を掲載する。</p>
[References, etc.]
<p>(Reference book)</p> <p>(1) McCullough, Helen Craig, Classical Japanese Prose: An Anthology, Stanford University Press, 1990.</p> <p>(2) Carter, Steven D. (translator), Traditional Japanese Poetry: An Anthology, Stanford University Press, 1991.</p> <p>(3) Keene, Donald (ed.), Anthology of Japanese Literature: from the earliest era to the mid-nineteenth century, Grove Press, 1955.</p> <p>(4) Miner, Earl et al., The Princeton Companion to Classical Japanese Literature, Princeton University Press, 1985.</p> <p>(5) Haruo Shirane (ed.), Traditional Japanese Literature: An Anthology, Beginnings to 1600 (Translations from the Asian Classics), Columbia University Press, 2008.</p> <p>(6) William Theodore De Bary et al., Sources of Japanese Tradition: From Earliest Times to 1600 (Introduction to Asian Civilizations), Columbia University Press, 2002.</p> <p>(7) William Theodore De Bary et al., Sources of Japanese Tradition Vol. 2: 1600 to 2000 (Introduction to Asian Civilizations), Columbia University Press, 2005.</p>
[Study outside of class (preparation and review)]
<p>(1) Students are expected to review the content of each lecture each week, including and especially any key terms and concepts introduced in class.</p>
<p>-----</p> <p>Continue to Introduction to Classical Japanese Literature(4) ↓ ↓ ↓</p>

Introduction to Classical Japanese Literature(4)
<p>毎週授業で紹介された作品に関するキーワードや概念をはじめ、講義の内容を復習すること。</p> <p>(2) Students are requested to prepare for the discussion sessions by carefully reading the assigned material before coming to class. Discussion time is limited, so students need to form their opinions in response to the discussion questions in advance, and be ready to explain their thoughts concisely and efficiently. Students should also come prepared with questions to ask of their group members.</p> <p>この授業では、数回、少人数によるディスカッションを行う。ディスカッションが予定されている回については、前もって資料を読んでくること。ディスカッションの時間は限られているので、効率よく進めるために、各テーマについてあらかじめ自分の意見や考えをまとめ、簡潔に述べられるように準備し、また他のメンバーに聞きたい質問を考えておくこと。</p>
[Other information (office hours, etc.)]
<p>オフィス・アワーはKULASISで確認して、アポをとってください。</p> <p>For my office hours, please check KULASIS and make an appointment.</p>

Course number		U-LAS03 10005 SB48				
Course title (and course title in English)		外国文献研究（教育・英）II-E1 Readings in Humanities and Social Sciences (Education, English)II-E1		Instructor's name, job title, and department of affiliation	Graduate School of Education Professor,Emmanuel MANALO	
Group	Humanities and Social Sciences		Field(Classification)	Readings in Humanities and Social Sciences		
Language of instruction	English		Old group	Group C	Number of credits	2
Number of weekly time blocks	1	Class style	Seminar		Year/semesters	202•• Second semester
Days and periods	Mon.4		Target year	2nd year students or above	Eligible students	For all majors
[Overview and purpose of the course]						
The main purpose of this course is to develop students' English communication skills (reading and writing, listening and speaking) through examination and discussion of recent scientific research studies in education and psychology. Students taking the course will be asked to write brief reports about assigned and self-selected readings, to make short group oral and electronic presentations in class, and to contribute to discussions.						
[Course objectives]						
The goals of this course are to develop the following skills in students: - Reading skills to enable access to information they need from published research articles in education and psychology, - Speaking and listening skills necessary for group work and discussions, - Report writing skills for a general (non-expert) audience, - Academic presentation skills.						
[Course schedule and contents]						
The following is a guide to the structure of the 16 weeks of the semester. As required, some minor adjustments may be made to this structure. Week 1: Introduction to the course and its expectations Week 2: Example research presentation, assignment of articles to present, discussion of presentation requirements Weeks 3 to 4: Presentation preparation and practice Weeks 5 to 8: Group oral presentations and discussion Weeks 9 to 14: Group electronic presentations and discussion Week 15: Examination week (There is no final examination for this course.) Week 16: Feedback week						
Students will be assigned readings to undertake, as well as to look for their own pertinent research articles to read.						
Class sessions will normally comprise of brief presentations from students about the articles they have read, followed by questions, comments from, and discussion with the instructor and other non-presenting students. Active participation is a requirement.						
----- Continue to 外国文献研究（教育・英）II-E1(2) ↓ ↓ ↓						

外国文献研究（教育・英）II-E1(2)					

[Course requirements]					
None					
[Evaluation methods and policy]					
Grading for the course will be based on the following requirements: - Two brief presentations = 30% (15% for each): Students make the presentations based on readings they undertake (one assigned, and one self-selected) - Two brief reports = 30% (15% for each): Based on the presentations that students make - Portfolio of work done in class and for homework = 40%: The portfolio (which should be a well-organized folder) should contain summaries of and comments on readings done in class, written comments about other students' presentations, and any other assigned homework tasks (e.g., writing different kinds of questions in response to given reading materials; writing comments about video presentations).					
[Textbooks]					
Not used					
[References, etc.]					
(Reference book) Introduced during class					
[Study outside of class (preparation and review)]					
Students taking this course will be expected to prepare for each class by reading and taking notes from research articles and other materials that the instructor assigns.					
[Other information (office hours, etc.)]					
Students can email the instructor to make an appointment or to ask any questions about the course.					

Course number		U-LAS13 10012 EE60			
Course title (and course title in English)	Fundamental Chemical Experiments-E2		Instructor's name, job title, and department of affiliation	Graduate School of Engineering Associate Professor, Juha Lintuluoto Graduate School of Engineering Senior Lecturer, ALCANTARA AVILA, Jesus Rafael Graduate School of Engineering Senior Lecturer, Nguyen Thanh Phuc Graduate School of Engineering Associate Professor, Cedric Tassel Graduate School of Engineering Senior Lecturer, LANDENBERGER, Kira Beth Graduate School of Engineering Associate Professor, Yi Wei Graduate School of Human and Environmental Studies 基礎化学実験授業担当教員	
	Fundamental Chemical Experiments-E2				
Group	Natural Sciences		Field(Classification)	Chemistry(Foundations)	
Language of instruction	English		Old group	Group B	Number of credits 2
Number of weekly time blocks	2	Class style	Experiment		Year/semesters 202•• Second semester
Days and periods	Wed.3 • 4/Fri.3 • 4	Target year	Mainly 1st year students	Eligible students	For science students
[Overview and purpose of the course]					
The purpose of this laboratory class is to practice the basic identification and synthesis of chemical compounds as well as to learn the underlying principles involved.					
[Course objectives]					
Students will gain understanding in basic chemical concepts by actual hands-on work performing fundamental analysis of chemical compounds.					
[Course schedule and contents]					
Registration information: https://www.z.k.kyoto-u.ac.jp/zenkyo/guidance					
1. General Guidance [2 times] The aims and contents of the experiments, how to make laboratory notes and reports, and how to use experimental instruments, labware and reagents safely.					
2. Qualitative Inorganic Analysis Experiments [4 times] (1) Basic Reactions of Fe ³⁺ and Al ³⁺ (3rd Analytical Group). (2) Basic Reactions of Ag ⁺ , Pb ²⁺ , Cu ²⁺ and Bi ³⁺ (1st and 2nd Analytical Groups). (3) Basic Reactions of Ni ²⁺ , Co ²⁺ , Mn ²⁺ and Zn ²⁺ (4th Analytical Group). (4) Analysis of an Unknown Sample Containing Some Cations.					
3. Volumetric Analysis Experiments [4 times] (1) Chelatometric Titration: Quantitative Determinations of Ca ²⁺ and Mg ²⁺ in tap water. (2) Iodometry: Quantitative Determination of NaClO in Bleach. (3) Oxidation Reaction Rate: Measurement of a Pseudo-first-order Reaction Rate Constant. (4) Adsorption of Oxalic Acid by Activated Carbon.					
----- Continue to Fundamental Chemical Experiments-E2(2) ↓ ↓					

Fundamental Chemical Experiments-E2(2)					
4. Experiments in Organic Chemistry [4 times] (1) Qualitative Analysis of Organic Compounds. (2) Structure and Property of Organic Compounds: Azo Dyes and Fluorescent Dyes. (3) Organic Synthesis I: Acetylation of 4-Methoxyaniline. (4) Organic Synthesis II: Nitration and Hydrolysis.					
5. Feedback [1 time]					
[Course requirements]					
None					
[Evaluation methods and policy]					
Grades will be based on submitted reports and performance during of a total of 12 hands-on chemical experiments.					
[Textbooks]					
『Fundamental Chemical Experiments』 (This textbook will be delivered at the class.) (Related URL) https://ocw.kyoto-u.ac.jp/en/ilas/02 (Video materials for chemical operation.)					
[Study outside of class (preparation and review)]					
Preparation for each experiment should be done in advance. Understand the principles involved, and summarize these beforehand in the experimental notes regarding the reagents, equipment, and procedures and methods to be used.					
[Other information (office hours, etc.)]					
<ul style="list-style-type: none"> For the registration of the class, please see *1 below. Detailed information of the registration will be given at the homepage “KULASIS” in mid-September. Attend the first class, the course guidance will be given there. When you decide to take the class, you must have your own safety glasses as well as obtain the insurance for study and research “学生教育研究災害傷害保険”. (Safety glasses can be purchased at the COOP Shop “生協” and the insurance “学生教育研究災害傷害保険” is processed at the Education Promotion and Student Support Department Desk “教育推進・学生支援部”.) 					
*1 Students must apply for the course before registration if they intend to register for experiment or exercise class of Natural Sciences Group. Please register for the class if you are permitted to participate.					
<ul style="list-style-type: none"> Application period: Before the guidance of the first class Posted: Details will be posted on “Notification” (Academic affairs information on liberal arts and sciences) in KULASIS in mid-September. Application method: This will be explained in the “Notification” on KULASIS Selection method: If the number of students who wish to take the class exceeds the course limit, a lottery will be held. The 					
Continue to Fundamental Chemical Experiments-E2(3) ↓ ↓					

Fundamental Chemical Experiments-E2(3)

results will be announced after the guidance session.

- Notice: Unlike the other class designated courses, students can register the “Fundamental Chemical Experiments” course even if it is not the day/period of their class designated course. However, this shall not apply in the case when the class is oversubscribed.

Course number		U-LAS30 20034 LE13				
Course title (and course title in English)		Art, Culture and Technology (英語講義) Art, Culture and Technology		Instructor's name, job title, and department of affiliation	Graduate School of Advanced Integrated Studies in Human Survivability Program-Specific Professor,TOSA NAOKO	
Group	Informatics		Field(Classification)		(Issues)	
Language of instruction	English		Old group	Group B	Number of credits	2
Number of weekly time blocks	1	Class style	Lecture		Year/semesters	202•• Second semester
Days and periods	Tue.5		Target year	All students	Eligible students	For all majors
[Overview and purpose of the course]						
<p>We will discuss several serious issues, starting from the topic of art and technology, proceeding to the topic of culture and technology, and finally reaching to the topic of the new world based on the integration of these different concepts where both creators and viewers can reach deep mutual understandings.</p> <p>When we talk about art that achieves this mutual understanding, we have to admit that cultural issues would play a major role there. We can call the 1970's and the immediately following decades as the era where the relation between art and technology was the main topic. Now, in the early era of the twenty-first century, we should consider the relationship between culture and technology, in other words, culture in the Internet era.</p> <p>Each specific culture is strongly related to its region and race. Therefore, it is necessary to actually live there to really understand the culture specific to each place. At the same time, humans have been trying to realize virtual experiences of such ways of living by utilizing strong computing technology and by introducing sophisticated interaction technologies. Based on this, it would become possible for technology to clarify what culture is and, on the other hand, cultures could push technology forward. As a result, we are now approaching the stage where technologies could extract structures that hide behind each culture and try to realize communications among different cultures.</p> <p>In the twenty-first century, in the area of computer technology, the basic trend involves us moving from the era of calculation, database processing, information processing, etc., to the era of addressing culture, expressing culture, handling types and structures behind several cultures, and, as a result, letting people understand different cultures at a spiritual level. In other words, I can say that we are getting into the era of Cultural Computing.</p>						
[Course objectives]						
Basic study of Art & Technology. Students will understand Japanese Culture through making digital art works.						
[Course schedule and contents]						
We want to introduce and discuss the still-unveiled possibilities of Cultural Computing which would express, in the interactive way, such substantial cultural issues such as sensitivity, memory, spirituality, storytelling, racial characteristics, etc., that have not been addressed in computer science and engineering so far. There are various possibilities in this area. From an artistic point of view, Cultural Computing can go beyond the present day media art by treating cultural issues described above. From the viewpoint of technology, it would open a new area in computer technologies, which so far has only been addressing the digitization of cultural						
Continue to Art, Culture and Technology (英語講義) (2) ↓ ↓						

Art, Culture and Technology (英語講義) (2)
<p>heritages/contents for the purpose of preserving them. The digitization of cultural issues would make it possible for people to understand different cultures,bridging the gaps between time and space, consequently creating new cultures.</p> <p>We particularly examine Japanese culture, although it is only a small subject of computing.</p> <p>1 • Japanese tastes for simple and quiet surroundings(WabiSabi) 2 • Relations between Japanese and Asian cultures 3 • Assuming the separation of Buddhism and Shintoism as a basis of Japanese cultural structure 4 • Peculiar features of Japanese literature such as the 31- syllable poem, Haiku poem, and Noh play 5 • Japanese designs (crests, textile, color, form, Noh play and Kabuki) 6 • Understanding the depths of feeling and culture from communication through computers (Total : 14 classes, 1 Feedback session)</p>
[Course requirements]
Skill: internet search, e-mail, word, power point, Interest about Art
[Evaluation methods and policy]
<p>Art work, report, class attendance and active participation.</p> <p>Please submit all homework art works.</p> <p>More detailed instructions will be provided in class.</p>
[Textbooks]
<p>NAOKO TOSA 『Cross-Cultural Computing: An Artist's Journey』 (Springer UK) ISBN:978-1-4471-6512-5</p> <p>(Related URL)</p> <p>http://tosa.gsais.kyoto-u.ac.jp/</p>
[Study outside of class (preparation and review)]
<p>Preparations and review : Perform it for 2 hours</p> <p>More detailed instructions will be provided in class.</p>
[Other information (office hours, etc.)]
<p>Sometime, students go to recommend of Art exhibition at Kyoto area.</p>

Course number		U-LAS30 20042 SE11				
Course title (and course title in English)		Programming Practice (Python) -E2 Programming Practice (Python) -E2		Instructor's name, job title, and department of affiliation	Graduate School of Human and Environmental Studies Program-Specific Senior Lecturer, THIES, Holger	
Group	Informatics		Field(Classification)	(Issues)		
Language of instruction	English		Old group		Number of credits	2
Number of weekly time blocks	1	Class style	Seminar		Year/semesters	202•• First semester
Days and periods	Tue.5/Thu.5		Target year	All students	Eligible students	For all majors
[Overview and purpose of the course]						
This course is an introduction to the Python programming language for students without prior programming experience. Python is a beginner friendly programming language that is widely used in academic research and industry. In the course students will learn about basic programming concepts and how to write their own simple programs using Python.						
[Course objectives]						
Students will learn the basics of programming using the Python programming language, including data types, conditionals and loops, basic data structures, functions and the fundamentals of object oriented programming. They will also learn how to solve real-world problems by designing, writing and testing their own Python programs.						
After attending the course students should be able to:						
- Understand the fundamentals of programming (variables, control structures, data types, etc.)						
- Understand and modify simple Python programs						
- Design, implement and test their own simple programs						
[Course schedule and contents]						
The course consists of 14 class sessions and one feedback session.						
The tentative schedule is as follows:						
Introduction (1 session)						
- Computer hardware and programming languages						
- Installing and using Python						
- Editing, saving and running a script.						
Basic syntax and data types (1 session)						
- Variables, naming rules and comments						
- Assignments and basic data types						
- Input and Output						
Control structures (2 sessions)						
- Boolean values and Conditional statements						
- Loops						
- Logical and Bitwise Operations						

Continue to Programming Practice (Python) -E2(2) ↓ ↓ ↓						

Programming Practice (Python) -E2(2)

<ul style="list-style-type: none"> - Lists and Collection data types
Functions (1 session)
<ul style="list-style-type: none"> - Writing and Calling Functions - Function Inputs and Outputs - Scope
Modules and packages (1 session)
<ul style="list-style-type: none"> - Concept of modules - Importing modules - Some important built-in modules
I/O and error handling (1 session)
<ul style="list-style-type: none"> - Reading data from a file - Writing data to a file - Error handling and exceptions
Object oriented programming with Python (2 sessions)
<ul style="list-style-type: none"> - Classes, Properties and Methods - Inheritance
GUI application development (2 sessions)
<ul style="list-style-type: none"> - Learn how to write simple Graphical User Interfaces (GUIs)
Practice Project (3 sessions)
Students will use the knowledge acquired during the first part of the course to solve a small programming project.
They will be required to
<ul style="list-style-type: none"> - Select and define a problem - Propose and implement a solution - Test the solution
The precise course schedule and contents are subject to change depending on class progress.
[Course requirements]
This is a beginner course, no prior knowledge is required.
The course is practical: Students are required to write their own programs using the Python programming language.
It is recommended that students use their own computer and install the necessary software. Installation instructions will be given during the first lecture, no prior installation is necessary.
For students who do not have access to a programming environment, online services providing Python 3 in a web browser can be used instead.
[Evaluation methods and policy]
Evaluation will be based on homework assignments (70%) and final project (30%).
----- Continue to Programming Practice (Python) -E2(3) ↓ ↓ ↓

Programming Practice (Python) -E2(3)
[Textbooks]
No textbook is required. Relevant materials will be distributed in class.
[References, etc.]
(Reference book) Mark Lutz 『Learning Python, 5th edition』 (O’ Reilly Media, Inc.) ISBN:978-1449355739 Allen B. Downey 『Think Python: How to Think Like a Computer Scientist, 2nd edition』 (O’ Reilly Media, Inc.) ISBN:978-1491939369
[Study outside of class (preparation and review)]
Students should review the material after each class and solve weekly homework assignments.
[Other information (office hours, etc.)]
There is no specific office hour. Students can contact the instructor by email in case of questions.

Lecture code: W220003 for Thu.3
W220004 for Thu.4

Course number		U-LAS51 10010 SE48				
Course title (and course title in English)		科学コミュニケーション (理・英) -E3 Science Communication (Science, English)-E3		Instructor's name, job title, and department of affiliation	Part-time Lecturer,James de Witt Graduate School of Science Senior Lecturer,TSUNEMI TOSHINAO	
Group	Career Development		Field(Classification)		International Communication	
Language of instruction	English		Old group	Group C	Number of credits	2
Number of weekly time blocks	1	Class style	Seminar		Year/semesters	202•• Second semester
Days and periods	Thu.3/Thu.4		Target year	2nd year students or above	Eligible students	For science students
[Overview and purpose of the course]						
The primary focus of this course will be on understanding scientific materials presented in an all-English environment. Coursework will emphasize group study and discussion, vocabulary-building, and clear description of scientific ideas through a variety of activities. Enrollment will be open, but is intended mainly for Rigakubu second-year students.						
英語の環境下で日本語を通さずに、科学に関する文献や資料を理解するための授業です。グループ学習と議論、語彙の習得、科学的考え方の明確な記述に重点を置きます。誰でも受講できますが、理学部2回生が主な対象です。						
[Course objectives]						
To acquire methods to improve your understanding of English-language scientific information and your skills in presenting them, for later educational and professional purposes						
[Course schedule and contents]						
Materials will be selected from the fields of mathematics, physics/astrophysics, earth science, chemistry, and biology, and include authentic works by and about significant achievements of famous scientists.						
Lessons will include the content below. The planned number of lectures for each topic are indicated in the parentheses. Some adjustments may be made if the classes are held online.						
Orientation (1)						
Summarizing information and collaborative discussion (4)						
Event/observation/description: limitations in scientific communication (2)						
- Thought experiments conducted in class						
Organization of ideas in scientific literature (5)						
- Improving reading comprehension through understanding of logical structure						
- Standards in journal article structure						
- Understanding and creating abstracts						
Presentation of a model, and description of a scientific principle it demonstrates (1)						
Final quiz, future directions (1)						
Feedback (1)						
----- Continue to 科学コミュニケーション (理・英) -E3(2) ↓ ↓ ↓						

科学コミュニケーション (理・英) -E3(2)	

Reading and discussion of journal articles and students' choice of Nature News articles will be given from each of the five basic Faculty of Science divisions of mathematics, physics/astrophysics, earth science, chemistry, and biology. Mr. De Witt is always present for the lessons, and Dr. Tsunemi may occasionally be present.	
[Course requirements]	
None	
[Evaluation methods and policy]	
Preparedness, daily participation, and assignments. Daily in-class grades based on 0, 1, 2, or 3 points will be given as follows: 0-no participation or preparation, 1-some but inadequate participation or preparation, 2-normal, expected level of participation and preparation, 3-extra participation and preparedness, beyond the basic requirement. Plus and minus indicators may also be given, to indicate in-between levels, with 3 such indicators adding to one grade point. One in-class grade point may be subtracted or tardiness, speaking too much Japanese in class, breaking basic rules, etc., for each day with incidence.	
[Textbooks]	
Not used Topics will be selected from the scientific literature for discussion, summarization, and presentation.	
[References, etc.]	
(Reference book) Introduced during class	
[Study outside of class (preparation and review)]	
Read and summarize assigned articles handed out or online, write an article abstract, prepare a simple model to demonstrate, etc.	
[Other information (office hours, etc.)]	
Students are encouraged to actively participate in discussions and preparations of topics, primarily in small groups or pairs. This class may be conducted in a remote format in which the instructor delivers classes from outside the classroom, depending on current public health advisories and policy.	

Lecture code: W225001 for Mon.4

W225002 for Mon.5

Course number		U-LAS51 10015 SB48				
Course title (and course title in English)	科学コミュニケーションの基礎と実践（薬・英）B-E3			Instructor's name, job title, and department of affiliation	Graduate School of Pharmaceutical Sciences Program-Specific Associate Professor,Martin Robert	
	Theory and Practice in Scientific Writing and Discussion (Pharmaceutical Sciences, English)B-E3					
Group	Career Development			Field(Classification)		International Communication
Language of instruction	Japanese and English			Old group	Group C	Number of credits 2
Number of weekly time blocks	1	Class style	Seminar		Year/semesters	202•• Second semester
Days and periods	Mon.4/Mon.5		Target year	2nd year students or above	Eligible students	For science students
[Overview and purpose of the course]						
The ability to effectively communicate science in English, whether it is for a lab report, preparing an abstract and/or poster or oral presentation for a conference, a journal club, a thesis, or a full manuscript, is an essential skill for any student and aspiring young researcher. Failure to produce a good narrative results in lost opportunities for both the writer and the reader. Developing skills in both written and oral forms of communication is therefore important to successfully progress in science.						
This course will aim to improve student confidence in communicating science in English. Opportunities will be provided to learn and practice the basics of effective scientific writing and communication in English. Emphasis will be placed on learning the basic structures and logic of different forms of scientific communication and practicing through the analysis of scientific material and writing. Practical exercises to develop those skills, will include among others, preparing a good title and abstract, analyzing scientific text, and presenting a scientific research article (journal club presentation) and its evaluation. Many exercises will be completed in small groups. The course will be targeted to non-native speakers of English.						
[Course objectives]						
This main objective of this course is to learn and practice skills for communicating scientific content effectively in English. The emphasis will be on structuring and organizing content, data and figures, and their interpretation to build a coherent narrative. Tips and tricks about writing and presenting as well as patterns to avoid will also be presented.						
At the end of this course students will:						
- Understand and be able to explain the basic structure and format of different forms of scientific communications						
- Master key conventions and structures essential for effective scientific communication						
- Have gained skills in organizing concepts and ideas into a coherent narrative, using the appropriate words, units, logic, etc.						
- Be able to produce clear short text and make an oral presentation of a research article following the formal scientific style of writing and presenting						
- Have acquired confidence and practiced critical evaluation skills by providing constructive feedback about their peers' work.						
----- Continue to 科学コミュニケーションの基礎と実践（薬・英）B-E3(2) ↓ ↓ ↓						

科学コミュニケーションの基礎と実践 (薬・英) B-E3(2)	

[Course schedule and contents]	
The following topics will be covered over the course of 14 classes, not necessarily in that order:	
Week 1 Course guidance and introduction Week 2 Introduction to communication Week 3 Finding and managing scientific literature and resources (databases and reference management software) Week 4 Crafting a good title Week 5 Analyzing and preparing a good abstract Week 6 The basics of scientific writing. Structure and logic Week 7 How to write different parts of a manuscript or report Week 8 Tips for reading and understanding scientific content Week 9 Making good figures and visuals and describing them well Weeks 10-14 Critical thinking and evaluation - Research article presentations (Journal club) Week 16 Feedback	
Total: 14 classes plus one Feedback session	
[Course requirements]	
Access to a personal computer or device is required to complete homework assignments and other practice.	
[Evaluation methods and policy]	
20 % Class attendance and active participation 60 % In-class exercises/quizzes and homework assignments 20 % Presentation	
[Textbooks]	
Lebrun, J.-L. 『Scientific Writing 2.0: A Reader And Writer's Guide』 (World Scientific Publishing Company, 2011) Glasman-deal, H. 『Science Research Writing: A Guide for Non-native Speakers of English. 』 (Imperial College Press, 2010)	
[References, etc.]	
(Reference book)	
Hofmann, A. 『Writing in the Biological Sciences: A Comprehensive Resource for Scientific Communication. 』 (Oxford University Press, 2015) Another useful resource: English communication for scientists is listed below.	
(Related URL)	
https://www.nature.com/scitable/ebooks/cntNm-14053993/contents/	
[Study outside of class (preparation and review)]	
Students can expect to spend on average about 1-2 hours per week on homework assignments and preparation for in-class exercises.	
[Other information (office hours, etc.)]	
Some of the content is subject to change according to the nature of semester (on demand, live online, or in class) and class size.	
----- Continue to 科学コミュニケーションの基礎と実践 (薬・英) B-E3(3) ↓ ↓ ↓	

The instructor can be contacted by e-mail to arrange an appointment.

Course number		U-LAS51 10031 SJ48			
Course title (and course title in English)	理系のための英語プレゼンテーション入門 (理・英) -E3 Introduction to English Presentation for Science Students (Science, English)-E3			Instructor's name, job title, and department of affiliation	Part-time Lecturer,KANZAWA KATSUNORI
Group	Career Development		Field(Classification)		International Communication
Language of instruction	Japanese		Old group	Group C	Number of credits 2
Number of weekly time blocks	1	Class style	Seminar		Year/semesters 202・・・ Second semester
Days and periods	Tue.5		Target year	2nd year students or above	Eligible students For science students
[Overview and purpose of the course]					
<p>In this course, students will work on their research projects and present and discuss the findings in English. Through the process, students will learn how to conduct research and develop English “four skills,” especially writing and presentation abilities.</p> <p>This course is mainly targeted at students of second-year or above of the Faculty of Science. Therefore, students must choose research topics related to science. Also, this course is designed for students with a basic to intermediate level of English proficiency. Students should consider their English level before taking the course.</p> <p>この授業では、受講生自身がリサーチプロジェクトに取り組み、その成果を英語で発表し、議論する。その過程でリサーチの方法を身につけるとともに、英語4技能、とりわけライティング能力、プレゼンテーション能力といった発信力に関わる技能の強化を目指す。</p> <p>この授業は理学部2年生以上を主な対象とする。したがって、リサーチのトピックは理系のものに限定する。また、英語習熟度が中程度からやや低めの学生を対象とする。自身の英語レベルを考慮した上で受講すること。</p>					
[Course objectives]					
<p>1. Students will be able to present and discuss academic content in English.</p> <p>2. Students will be able to write academic content in English.</p> <p>3. Students will be able to carry out research independently.</p> <p>1. アカデミックな内容に関して、英語で発表し、議論する。</p> <p>2. アカデミックな内容に関して、英語でライティングができる。</p> <p>3. 自らリサーチを進めることができる。</p>					
[Course schedule and contents]					
<p>Weeks 1 to 8 will be assigned for a group presentation, and Weeks 9 to 15 for an individual presentation. The detailed schedule is as follows.</p> <p>Week 1: Orientation. Attendance is required because students will be assigned to groups.</p> <p>Weeks 2-7: Decide on a research theme and conduct research for the group presentation. Students are required to give a mid-term presentation during Week 6.</p> <p>Week 8: Group presentation</p> <p>Week 9: Feedback on group presentation</p> <p>Weeks 10-14: Decide on a research theme and conduct research for the individual presentation. Students are required to give a mid-term presentation during Week 13.</p> <p>Week 15: Individual presentation</p>					
Continue to 理系のための英語プレゼンテーション入門 (理・英) -E3(2) ↓ ↓ ↓					

理系のための英語プレゼンテーション入門 (理・英) -E3(2)	
<p>前半（第1～8週）はグループ発表、後半（第9～15週）は個人発表を行う。</p> <p>具体的な予定は以下の通り。</p> <p>第1週目はオリエンテーションを行う。グループ分けを行うため、必ず出席すること。</p> <p>第2～7週目はグループ発表に向け、テーマを決め、リサーチを行う。第6週目に中間発表を行う。</p> <p>第8週目にグループ発表を行う。</p> <p>第9週目にグループ発表のフィードバック（振り返り）を行う。</p> <p>第10～14週目は個人発表に向け、テーマを決め、リサーチを行う。第13週目に中間発表を行う。</p> <p>第15週目に個人発表を行う。</p>	
[Course requirements]	
No specific requirements. The number of students will be limited. Details will be announced on KULASIS. 特になし。授業の性格上、受講希望者の人数を制限予定である。KULASISで別途周知するので確認すること。	
[Evaluation methods and policy]	
<p>1. Group presentation: 25%</p> <p>2. Individual presentation: 25%</p> <p>3. Research sheet: 20%</p> <p>4. Feedback sheet: 15%</p> <p>5. Active participation in the class: 15%</p> <p>Students who miss more than three classes will be disqualified.</p> <p>1. グループプレゼンテーション: 25%</p> <p>2. 個人プレゼンテーション: 25%</p> <p>3. リサーチシート: 20%</p> <p>4. フィードバックシート: 15%</p> <p>5. 授業への積極的な参加: 15%</p> <p>4回以上欠席すると不合格となる。</p>	
[Textbooks]	
Course materials will be provided by the lecturer. 教員が配布する。	
[References, etc.]	
<p>(Reference book)</p> <p>Introduced during class</p>	
[Study outside of class (preparation and review)]	
<p>This course will be based on the students’ research. Therefore, students will need to conduct research and complete the PowerPoint slides outside the classes. Students will also be required to prepare reports such as research sheets and feedback sheets.</p> <p>この授業は受講生のリサーチに基づいて進められる。したがって、受講生は授業外にリサーチを行い、スライドを完成させる必要がある。また、リサーチシートやフィードバックシートなどのレポートを作成することを求められる。</p>	
Continue to 理系のための英語プレゼンテーション入門 (理・英) -E3(3) ↓ ↓	

[Other information (office hours, etc.)]

This course is mainly based on group work. In principle, the course will be conducted face-to-face, but depending on the restrictions due to the coronavirus infection, Zoom and other tools will be used as appropriate.

Questions about the course will be welcomed before and after the classes as well as via e-mail.

この授業はグループワークが中心となる。原則は対面授業であるが、コロナウイルスの感染状況に応じて、適宜Zoom等を活用する。授業に関する質問は、授業の前後に受け付けるほか、授業中に知らせる教員メールアドレスでも受け付ける。

Course number		U-LAS61 10005 LJ28					
Course title (and course title in English)	現代技術社会論 Sociology of Modern Technology		Instructor's name, job title, and department of affiliation	Graduate School of Energy Science Professor,ISHIHARA KEIICHI Graduate School of Energy Science Professor,KAWAMOTO HARUO Graduate School of Energy Science Professor,SHIMODA HIROSHI Institute for Integrated Radiation and Nuclear Science Professor,UNESAKI HIRONOBU Graduate School of Energy Science Professor,KUROSAKI KEN Graduate School of Human and Environmental Studies Professor,YOSHIDA JIYUN Graduate School of Energy Science Associate Professor,OKUMURA HIDEYUKI Graduate School of Energy Science Professor,MCLELLAN, Benjamin Graduate School of Energy Science Associate Professor,OGATA SEIICHI Graduate School of Energy Science Associate Professor,ISHII HIROTAKE Graduate School of Energy Science Professor,TAKAYUKI KAMEDA Institute for Integrated Radiation and Nuclear Science Associate Professor,UEBAYASHI HIROTOSHI Graduate School of Energy Science Assistant Professor,YAMAMOTO KOUHEI Graduate School of Energy Science Assistant Professor,MINAMI EIJI Graduate School of Energy Science Assistant Professor,OGAWA TAKAYA Graduate School of Energy Science Assistant Professor,UEDA KIMI Institute for Integrated Radiation and Nuclear Science Assistant Professor,TAKAHASHI Yoshiyuki			
Group	Interdisciplinary Sciences		Field(Classification)		Environmental Sciences		
Language of instruction	Japanese and English		Old group	Group B		Number of credits	2
Number of weekly time blocks	1	Class style	Lecture		Year/semesters	202•• Second semester	
Days and periods	Thu.5		Target year	All students		Eligible students	For all majors
[Overview and purpose of the course]							
近い将来、エネルギー・資源の枯渇、ごみや汚染物質の排出などが突然顕在化して、われわれの社会に大きな打撃を与えることになるかもしれない。また、地震などの自然災害や原子力災害などは、一度起これば壊滅的な被害を与える。さらに、社会コミュニティの対立や南北問題など、地域からグローバルな国際社会に至るまで多くの問題を抱えている。本講義では、これらの問題の所在を明らかにしてその本質を探るとともに、解決の糸口を探るべく、それぞれの分野の最前線で活躍している担当教員らが平易な解説で講義する。							
Continue to 現代技術社会論(2)↓↓↓							

現代技術社会論(2)	
[Course objectives]	
週ごとに取り上げられるエネルギー・環境問題を中心とした各テーマについて、それぞれ現代社会と技術の関わりを理解する。また、広範なテーマのレポート課題に取り組むことによって、現代社会と技術の関わりを幅広い視野で分析・考察する力を修得する。	
[Course schedule and contents])	
概ね下記のテーマについて、担当教員がリレー形式で計14回の講義並びに議論を行う。年度ごとに開講テーマが選択され、講義順序も必ずしもこの通りではない。授業の一部は英語で実施される場合もある。初回のガイダンス時に改めて毎回の講義テーマとスケジュールを通知する。なお、第15回はフィードバック期間とし、方法は別途連絡する。	
■エネルギー・環境に関する問題 ・地球上での物質循環とバイオマス（河本） 光合成から物質変換、分解・無機化に至るまでの地球上での物質循環の概略、生態系の種類による特徴などについて論述し、バイオマスのエネルギーおよびケミカル源としてのポテンシャル、地球環境に与える影響等について議論を進める。 ・原子力エネルギーの現状と将来（宇根崎） 本講では、まず原子力エネルギーの原理と特徴を述べ、それらが各国の原子力エネルギー利用戦略、政策とどのように関連するかを述べた後に、原子力エネルギーの現状と将来について概説することにより、今後のエネルギー利用における原子力エネルギーの位置づけについて解説する。 ・原子力技術の応用（高橋） 原子力エネルギーを安全に運用していく中で培われてきた理論や技術は、一見原子力とは関係がないような様々なところで利用されている。このような原子力の応用技術について、例を挙げながら説明するとともに、それがどのように役立てられ、社会に還元されているかを解説する。 ・情報化・エネルギーとその課題（下田） 近年、急速に発展する情報技術により社会構造が大きく変化してきている。講義では、このような変革がエネルギーや環境問題に与える影響や恩恵について論じ、さらに円滑な社会構造変革のためには、どのような課題があるかについて説明する。 ・エネルギー利用と大気環境（亀田） わが国における各種エネルギー需給構造の変遷に伴う大気環境問題の推移について概観し、エネルギー利用と密接に関連した地域規模の大気環境問題である酸性ガスや粒子状物質による大気汚染の現況と地球規模の大気環境問題である気候変動（地球温暖化）のメカニズム、影響や国際的取り組みについて講述する。 ・ゴミから現代社会を考える（石原） 日本におけるマテリアルフローを示しながら、資源有効利用を促進するための制度、現状について講述した後、循環型社会構築に関する技術的、社会的問題点を考え、その解決について議論を行う。 ・エネルギー技術のための非再生資源の将来（McLellan） エネルギー技術は、大規模インフラとその機能特性から、非再生資源から作られた材料を使用する再生不可能であるため、これらの資源には限りがある。講義ではこのような資源とエネルギーシステムとの相互接続性について説明する。 ・再生可能エネルギーの現状と課題（尾形） 講義では、再生可能エネルギーの現状について、各種の統計情報や海外諸国の導入事例を示しながら解説し、技術的、社会的課題について解説する。さらに再生可能エネルギーが社会経済システムに与える影響や可能性を学際的な視点で考えてみたい。 ・環境アセスメントの基礎（山本） 人々の生活を豊かにするために行われる開発や施設の設置・改良などの事業を行うにあたり、そ	
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現代技術社会論(3)
<p>の事業による環境への影響を事前に予測・評価を行うとともに、影響を可能な限り低減するための対策について検討するための一連の手続きが環境アセスメントである。本講義ではこの仕組みについて概説するとともに、大気環境を中心に実例の紹介や課題についても触れる。</p> <ul style="list-style-type: none"> ・化石資源を代替するエネルギー源・発電技術の技術的・社会的課題（小川） <p>化石資源を代替し、二酸化炭素排出量を低減できるエネルギー源と、それに基づく発電技術について、技術的・社会的課題を解説する。例えば車の電源に用いられる二次電池や、燃料電池等を取り上げ、将来的に用いられるだろう再生可能エネルギー由来の燃料について述べる。</p> <p>■リスクに関する問題</p> <ul style="list-style-type: none"> ・地震動予測のための地下構造の探査技術（上林） <p>来るべき大地震による揺れの（強震動）予測を高精度で行うには、震源と地盤構造のモデル化の精度が特に重要となる。過去の地震被害へ震源と地盤構造がどのように影響したかを紹介すると共に、地盤構造のモデル化に必要な各種探査手法の特徴について述べる。</p> <ul style="list-style-type: none"> ・原子力と材料（黒崎） <p>原子炉では様々な材料が使われている。量子エネルギーを生み出す核燃料や、核燃料を環境から隔離する核燃料被覆管などが、その代表的なものである。本講義では、材料の特性と応用の間の結びつきに着目し、代表的な原子力材料がそこで用いられている必然性を議論する。</p> <ul style="list-style-type: none"> ・バイオ燃料と品質規格（南） <p>新しい技術が社会に普及する過程では安全性、信頼性、環境性などの観点から公的規格や規制が必要になる場合がある。本講義では、バイオ燃料を例として取り上げ、規格の重要性や制定までの社会的仕組みを述べる。</p> <p>■社会に関する問題</p> <ul style="list-style-type: none"> ・技術と豊かさ（奥村） <p>人や人間社会に真に必要な技術とは何か、また我々に何が出来るか。現代技術社会に暮らす我々の大量消費型生活を「豊かさ」「地球上に生きる人」といった視点を入れて見つめ直し、そういった技術を持たない国や人々との比較において人間の価値観・普遍性、お金の概念などをエネルギー環境問題の観点を含めて考察する。</p> <ul style="list-style-type: none"> ・情報技術と親密圏／公共圏の再編成（吉田） <p>情報技術の浸透にともなう社会空間の再編性の様相について、「親密圏」（少数の人びとのあいだで、互いの生への配慮・関心によって成立する空間）と「公共圏」（多くの人びとのあいだで、さまざまな問題が共有されコミュニケーションがおこなわれる空間）、および両者の関係の変容を中心に、社会学的に考察する。</p> <ul style="list-style-type: none"> ・インターネットと社会（石井） <p>インターネットは今や私たちの生活に無くてはならないものとなっている。本講義では、インターネットの発展の歴史を概観すると共に、インターネットが社会にもたらした恩恵と弊害について解説し、今後のインターネットの課題と可能性について考える。</p>
[Course requirements]
None
[Evaluation methods and policy]
<ul style="list-style-type: none"> ・各教員が提示するレポート課題及び平常点（授業参加への積極性等）により成績を評価する。（レポート点は80点満点、平常点は20点満点、合計100点満点とする） ・レポート課題は、現代社会と技術の関わりについて深い理解と考察が認められるものに高い点を与える。
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<p>-----</p> <p>[Textbooks]</p> <p>エネルギー科学研究科、エネルギー社会・環境科学専攻編『エネルギー・環境・社会”現代技術社会論” [第2版]』（丸善株式会社）ISBN:4621082416</p> <p>[References, etc.]</p> <p>(Reference book)</p> <p>Introduced during class</p> <p>(Related URL)</p> <p>http://www.energy.kyoto-u.ac.jp/</p> <p>[Study outside of class (preparation and review)]</p> <p>予め指定の教科書を読むことを推奨する。</p> <p>[Other information (office hours, etc.)]</p> <p>授業中に判らないことがあれば、積極的な質問を期待する。</p>