

<<Last Updated:2022/02/10>>

Course Schedule Information

Course Code	881289
Semester	Fall and Winter Term
Day and Period	Tue2,Fri1,Fri2
Course Name (Japanese)	UC Frontier Science II
Room	
Course Name	UC Frontier Science II
Capacity	0
Course Numbering Code	88INES9U100
Required/Optional	※10月～2月の第2週目（火2・金1・金2） Online/オンライン授業
Credits	2.0
Student Year	1,2,3,4,5,6
Field	
Instructor	John Ino
Course of Media Class	Not Applicable

※About Course of Media Class

"Course of Media Class" are classes in which more than half of the classes are held in places other than classrooms by making advanced use of various media.

Undergraduate students can include up to 60 credits in media class course as requirements for graduation. Even if this is not the case, we may hold classes using the media.

Detailed Syllabus Information

Course Name	Case Based Critical Thinking	
Language of the Course	English	
Type of Class	Lecture Subject	
Course Objective	Students will improve critical thinking skills through small group, case based discussions.	
Learning Goals	Students will: 1. learn and use the 6 rules of brainstorming 2. perform stakeholder analysis 3. distinguish between emotion and logic 4. create logical arguments in "pro & con" discussions 5. identify "slippery slope" in dilemmas 6. distinguish between "process thinking" & "results thinking" 7. distinguish between "situational ethics" and need for consistency	
Requirement / Prerequisite	Students will need an intermediate level of English. Some translation to Japanese will be provided.	
Class Plan	1st	Title:Tue. Oct. 4 : "Drugs in Sports" If drugs cannot be detected, how can we make competition fair? Instructor :
	2nd	Title:Fri. Oct. 7 : "Drugs in Sports" If the caffeine in coffee is a stimulant, why is it ok for athletes? Instructor :
	3rd	Title:Fri. Oct. 7 : "Drugs in Sports" If your competitors take drugs what would you do? Instructor :

4th	Title:Tue. Nov. 8 : "Angelina Jolie: Breast Cancer Gene"
	If your mother had breast cancer would you / your sister get tested?
	Instructor :
5th	Title:Fri. Nov. 11 : "Angelina Jolie: Breast Cancer Gene"
	If you / your sister had Breast Cancer Gene, what would you do?
	Instructor :
6th	Title:Fri. Nov. 11 : "Angelina Jolie: Breast Cancer Gene"
	Why is mastectomy (breast removal) a complex issue?
	Instructor :
7th	Title:Tue. Dec. 6 : "Gender Selection"
	Why would you choose / not choose the gender of your future child?
	Instructor :
8th	Title:Fri. Dec. 9 : "Gender Selection"
	Who is the missing stakeholder in the gender selection discussion?
	Instructor :
9th	Title:Fri. Dec. 9 : "Gender Selection"
	What does your selection indicate about your gender stereotypes?
	Instructor :
10th	Title:Tue. Jan. 17 : "Yuri Nakamura"
	What is a coma ("persistent vegetative state")?
	Instructor :
11th	Title:Fri. Jan.20 : "Yuri Nakamura"
	If your child is in a coma would you stop life support to donate organs
	Instructor :
12th	Title:Fri. Jan.20:"Yuri Nakamura"
	Your child needs an organ to live. What would you say to the mom above?
	Instructor :
13th	Title:Tue. Jan. 31 : "Artificial Intelligence (A.I.)"
	A.I.: What is "Big Data" and "Machine Learning"?
	Instructor :
14th	Title:Fri. Feb. 3 : "Artificial Intelligence (A.I.)"
	What do you want A.I. tell you about your future?
	Instructor :
15th	Title:Fri. Feb. 3 : "Artificial Intelligence (A.I.)"
	What are possible limitations of A.I.
	Instructor :

Independent Study Outside of Class	Assignments will be posted on < http://www.inosensei.com/ >. NOT on CLE.
Textbooks	All materials will be posted on < http://www.inosensei.com/ >. NOT on CLE.
Reference	James Webb Young: "A Technique For Producing Ideas"
Grading Policy	Grade will be based on verbal participation, brainstorming teamwork and daily quizzes.
Other Remarks	Basic translation from English to Japanese will be provided during speaking, listening and on powerpoint slides.
Special Note	Group discussions will use simple English & students will be encouraged to speak slowly.
Office Hour	To be done by Zoom video conferencing.
Keywords	
Messages to Prospective Students	【NOTE】 ※Any announcements or class materials will be posted on < http://inosensei.com >.

※If there are over 40 students, it will be first-come, first-served bases.
Please contact UC Osaka Office <uceap@office.osaka-u.ac.jp> for Inquiries.

Instructor(s)

Instructor Name	Name (hiragana)	Affiliation, Title, Course	Office	Extension	Fax	E-mail
John Hampton INO	じょん はんぷ とん いの	大阪大学とカリ フォルニア大学 との学術交流推 進室・特任教授		6785		forjohnino@gmail.com

Cautions for Students

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