

## Course Schedule Information

Course Code／時間割コード	881288
Semester／開講区分(開講学期)	Spring and Summer Term
Day and Period／曜日・時間	Thu2,Fri1,Fri2
Course Name (Japanese)／開講科目名	UC Frontier Science I
Room／教室	Online
Course Name／開講科目名(英)	UC Frontier Science I
Capacity／定員	0
Course Numbering Code／ナンバリング	88INES9U100
Required/Optional／必修・選択	※4月～8月の第1週目(木2・金1・金2) Online/オンライン授業
Credits／単位数	2.0
Student Year／年次	1,2,3,4,5,6
Field／分野	
Instructor／担当教員	John Ino

[List of Instructor\(s\)](#)

## Detailed Syllabus Information

Course Name／講義題目	Case Based Critical Thinking
Language of the Course／開講言語	English
Type of Class／授業形態	Lecture Subject
Course Objective／授業の目的と概要	Students will improve critical thinking skills through small group, case based discussions.  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
Learning Goals／学習目標	Students will need an intermediate level of English. Some translation to Japanese will be provided.
Requirement / Prerequisite／履修条件・受講条件	
Class Plan／授業計画	<p>Title:April 14th: "Genetic Engineering"</p> <p><b>1st</b> CRISPR: A "Cut &amp; Paste" Method to Change Your Genes Instructor :</p> <p>Title:April 15th:"Genetic Engineering"</p> <p><b>2nd</b> Should doctors change the genes of a child to save their life? Instructor :</p> <p>Title:April 15th: "Genetic Engineering"</p> <p><b>3rd</b> Should doctors change the genes to make someone smarter? Instructor :</p> <p>Title:May 12th: "Surrogate Motherhood"</p> <p><b>4th</b> Who is Aki Mukai? And what did she do in 2007? Instructor :</p> <p>Title:May 13th: "Surrogate Motherhood"</p> <p><b>5th</b> What would you do if you / your spouse could not have a child? Instructor :</p> <p>Title:May 13th:"Surrogate Motherhood"</p> <p><b>6th</b> What would it take for you to decide to be a surrogate mother? Instructor :</p> <p>Title:Jun 2nd: "Ichiro as a Role Model"</p> <p><b>7th</b> Why was Ichiro so well liked by American parents &amp; their children? Instructor :</p> <p>Title:Jun 3rd: "Ichiro as a Role Model"</p> <p><b>8th</b> What is the difference between participation and competition? Instructor :</p>

- 9th** Title:Jun 3rd: "Ichiro as a Role Model"  
Ichiro's Internal Standards: Perseverance, Sportsmanship, etc.  
Instructor :  
Title:July 7th: "Alzheimer's Gene: APOE4"
- 10th** The current status of Alzheimer's research  
Instructor :  
Title:July 8th : "Alzheimer's Gene: APOE4"
- 11th** What you do if you, your parents or grandparents had APOE4?  
Instructor :  
Title:July 8th: "Alzheimer's Gene: APOE4"
- 12th** How does knowing your future change?  
Instructor :  
Title:Aug 4th: "Medical Tourism"
- 13th** How can we solve the shortage of organs for donation?  
Instructor :  
Title:Aug 5th: "Medical Tourism"
- 14th** Should people with money pay poor people for organs?  
Instructor :  
Title:Aug 5th: "Medical Tourism"
- 15th** How can we solve the shortage of organs for donation?  
Instructor :

#### Independent Study Outside of Class／授業外における学習

Textbooks／教科書・教材

Reference／参考文献

Grading Policy／成績評価

Other Remarks／コメント

Special Note／特記事項

Office Hour／オフィスアワー

Keywords／キーワード

Assignments will be posted on <<http://www.inosensei.com/>>. NOT on CLE.

All materials will be posted on <<http://www.inosensei.com/>>. NOT on CLE.

James Webb Young: "A Technique For Producing Ideas"

Grade will be based on verbal participation, brainstorming teamwork and daily quizzes.

Basic translation from English to Japanese will be provided during speaking, listening and on powerpoint slides.

Group discussions will use simple English & students will be encouraged to speak slowly.

Thursday after class (2nd period)

#### 【NOTE】

※Any announcements or class materials will be posted on <<http://www.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](mailto:uceap@office.osaka-u.ac.jp)> for Inquiries.

## Instructor(s)

Instructor Name／ 教員氏名	Name (hiragana)／ ふりがな	Affiliation, Title, Course／所属・職名・講座 名	Office／ 居室	Extension／ 内線	Fax／ FAX	E-mail／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