

[Title]			[Instructor]		
Research Ethics (for international students)			M.E.Brito		
[Code]	[Credits]	[Program]	[Semester]	[Hours]	[Language of instruction]
GSC501 D	1	Graduate School Common Courses	Intensive	/	English
[Outline and purpose]					
<p>In the lecturer opinion Ethics is an absolute concept that does not depended on cultural differences or geographical situation. In the last years, a series of affairs compromising ethics values within the professional world have promoted a renewed interest in teaching and learning ethics from both a historical and philosophical perspective and from the fully understanding of the practical aspects of ethics through study cases. The course aims to effectively engage students in the ethical practice of the profession while raising awareness of the problems they could be facing in case they do not comply with the ethical rules.</p> <p>The course is taught in a seminar discussion style after brief introduction of the topics. Long lectures are avoided and participation is highly encouraged.</p> <p>For those of you that have never received a formal course in Ethics this is perhaps one the last opportunities to gain awareness of this important subject before commencing your life as professionals. For those of you that already know the subject, the course will refresh your knowledge and up-date your information regarding legal aspects of ethical affairs.</p>					
[Objectives]					
The course will develop the students' knowledge regarding the nature and the values of ethical behavior and will develop the basic tools for resolution of ethical dilemmas.					
[Requirements]					
[Evaluation]					
60% Power point presentation reports on ethics topics. To be assigned on personal basis. 30% Attitude and engagement during class 10% Extra points for actively participation					
[Textbooks]					
[References]					
1.Edmund Gerard Seebauer, Robert Laurence Barry, Fundamentals of Ethics for Scientists and Engineers (2001), Oxford University Press, ISBN:0195134885					
[Schedule]					
<p>Block 1: Philosophical and Theoretical Aspects of Ethics</p> <p>1. What is ethics? 2. Moral, ethics and law 3. History of ethics 4. Ethics in engineering 5. Engineer's duty to society 6. Learn from the past 7. Code of ethics in industry 8. Importance of compliance</p> <p>Block 2: Practical Aspects of Ethics</p> <p>1. Ethics Practice in Japan and Asia 2. Ethics Practice in Western Countries 3. Case studies.</p>					

[Title]			[Instructor]		
Communications in Sciences			Kentaro Go		
[Code]	[Credits]	[Program]	[Semester]	[Hours]	[Language of instruction]
GSC503 B	1	Graduate School Common Courses	2nd Semester	Wed./II	Japanese/English
[Outline and purpose]					
It is increasingly important to properly communicate the value of science and the results of research to people who are not experts. In this lecture, students will learn the communication methodology to refine expression capabilities and negotiation abilities as professionals and improve international versatility and reliability. Specifically, students will develop presentations in English to convey their research contents to others and develop communication skills by mutually evaluating the contents.					
[Objectives]					
Understand the importance of science communication and prepare the presentation materials from audience viewpoint Learn practical English in the field of science and technology and develop presentation materials in English					
[Requirements]					
Lecture on knowledge and expression techniques necessary for English expression in science and technology fields. Practice communication necessary for discussion in English. Solve a given task and present it in English.					
[Evaluation]					
Presentation and others (100%) Efforts on exercises such as presentation will be evaluated.					
[Textbooks]					
Kyota Ko, Simon Gillett／著 近藤科江, 山口雄輝／監, テツヤ、ディスカッションしようか, 羊土社, ISBN:978-4-7581-0846-1 愛場吉子, 英語のプレゼン 直前 5 日間の技術, アルク, ISBN:978-4-7574-2492-0					
[References]					
N/A					
[Schedule]					
1. General introduction, Overview 2. Techniques for presentation (1): Organization and introduction 3. Techniques for presentation (2): Slide design (1) 4. Techniques for presentation (3): Slide design (2) 5. Techniques for presentation (4): Final check 6. Presentation and evaluation (1) 7. Presentation and evaluation (2) 8. Concluding remarks					