

Outline of Proposal for SDGs Online Cross-Registration: Online Exchange Program (OEP) focusing on SDGs			
General Information	Name of University/ Institution	Toyo University	
	Brief Introduction of the University/Institution	Toyo University is a comprehensive private university in central Tokyo. Toyo was selected for Top Global University Project by the Japanese government and has been striving for internationalization of the university. The Faculty of Global and Regional Studies aims to develop human resources with the ability to innovate on economic, social and various other issues based on their deep understanding of the relations between regional diversity and different global systems, and/or with the ability to contribute to the solution of problems and autonomous development in diverse regions, in the global society where various challenges economic problems, poverty, resource issues, environmental challenges, armed conflicts, and so on continue to arise.	
	Country/Territory	Japan	
	City	Tokyo	
	Address	5-29-20 Hakusan, Bunkyo-ku	
	Official University/Institution Website	<a href="https://www.toyo.ac.jp/">https://www.toyo.ac.jp/</a>	
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Program Information	Name of Program	Introduction to Innovation Studies # II	
	Name of Faculty	Faculty of Global and Regional Studies	
	Name of Department	Department of Global Innovation Studies	
	Subject (Code name, if any)	Introduction to Innovation Studies # II	
	Program Description & Syllabus	[Sub-title]	
		[Course Purpose and Description]	The objective of this course is to introduce students to a few of the central ideas, theories, and controversies in the macro and microeconomics of innovation while focusing as well on the challenge to manage an innovative organization. The course aims at providing students with the framework for analyzing current issues on the topic with theoretical and applied knowledge on the economics and management of innovation. The course material varies substantially across topics; it is both theoretical and empirical and mobilizes a number of disciplines, most importantly economics, management, and sociology.
			The lectures focus on a set of questions at the heart of current research on the economics and management of innovation: How does technological innovation contribute to economic growth? What policy instruments do governments use to promote innovation? How does technological innovation interact with market forces, management strategy, and government policies? This course is related to SDGs: INDUSTRY, INNOVATION AND INFRASTRUCTURE.
		[Learning Objectives]	The learning objectives of this course are to: - Define the basic vocabulary used in the literature on innovation studies; - Locate relevant sources of information; - Introduce students to a few of the central ideas, theories, and controversies in innovation studies; - Discuss policy instruments that governments use to promote innovation, and its underlying science and technology; - Debate national innovation systems; - Improve reading, writing, and research skills
		[Schedule]	What do we talk about when we talk about innovation? Session 1: Introduction Session 2: Definition of key concepts Session 3: The innovation process Session 4: Case Study Innovation and Enterprise Session 5: Why do firms innovate? Session 6: What are the sources of innovation? Session 7: How to appropriate innovation Session 8: The patent system Session 9: Case Study Innovation and information Session 10: Open and distributed innovation Session 11: Open source Session 12: Innovation diffusion Session 13: Cluster and localization Session 14: Special assignment (creative commons) Session 15: Special assignment (case study)
			[Instructional Methods] Through hands-on exercises, organized debates, active participation, students will explore concepts addressed in the class while developing theoretical and analytical skills which will enable them to better grasp innovation related topics. Students will be encouraged to work in-group and use creative tools to analyze and engage with complex innovation related issues. This course might be conducted with partner foreign university. TopoNet-ACE will be used to communicate with the students. For remote-learning classes, ToyoNet-ACE will be used together with videoconference applications.
			[Self-study before/after classes] Students are expected to arrive in class having read the assigned readings for that day and to be ready to participate in the discussion or other in-class activities. ( Required time per class: 60-120 minutes) Post-lesson assignment tasks are expected to take approximately 120 minutes to complete.
			[Methods of Evaluation and Grading Criteria] Participation: Students' participation grade will be based on their attendance, preparation for class, and the quality of their participation in class discussions. (20%) Research Paper: Each person will be assigned to research a topic related to the class. Students should submit a literature review that explores particular topics of interest to them. Instructions and a grading requirement for this assignment will be distributed in class. (40%) Final Exam: (40%). Attendance is compulsory. Comply with Toyo University's Grading Criteria.
			[Pre-requisites] Basic knowledge in economics and management is required.
		[Textbooks] For each class, handouts, a reading list, and media supports will be given.	
	[Reference Materials] Fagerberg, J., Mowery, D. C., & Nelson, R. R. (Eds.). (2003). The Oxford handbook of innovation. Oxford University Press. (Online version available)		
	[Related Study Fields and Courses]		
	Program URL		
	Degree Level and/or Grade	for undergraduate student	
	Language of Instruction	English	
	Requirements (Language Proficiency, etc.)	None	
	Number of Credits to Transfer (Timing of credit issuance)	University Credits: 4 ECTS	
	Means of Transmission (e.g. via Zoom, etc.)	The definition of ECTS is as follows: One (1) ECTS = 25 – 30 hours of student workload.	
	Number of Lectures	15	
	Total Teaching Hours	22.5	
	Independent Study Hours	15-30	
	Student's Total Workload	Including teaching hours and independent study hours	
	Program Fee	0 *Please write as detailed as possible.	
Requirement	Language Proficiency	We accept native English speakers and/or a certificate	Yes
	GPA Others (if any)		
Program Schedule	Length	1 quarter	
	From	18-Nov-21	
	To	31-Jun-22	
	Day of week	every Wednesday 16:30-18:00 every Friday 16:30-18:00 (EST)	
Participants	Maximum Number of Participants	Unlimited	
	Minimum Number of Participants		
Application Period	From	24-Aug-21	
	Until (Deadline)	10-Sep-21	
Others	If there are any other facts to inform, please specify.		