(Sustainable Development in East Asia) National Taiwan Normal University

Online Course Curriculum Plan

Guideline: Pursuant to **Article 6 of the Implementation Regulations Regarding Distance Learning by Universities**, Departments/Programs offering distance learning courses, shall present a course plan and submit it for approval by the university-level academic affairs committee. The course plan referred to in the preceding paragraph shall set forth learning objectives, the target student group, a course outline, teaching methods, interactive student-teacher discussion, grading and course requirements. The course plan shall be posted on the Internet.

1. **Course start date:** ___Summer___ **semester of** __2022__ **(academic year):**
2. **Course review submission record:**
   ✓**It is a new digital course or an existing face-to-face course switching to digital format in this semester**
   ☐**It is an existing digital course; the latest University's Course Committee approval was in the ____ semester of ____ (academic year)**
      ☐**Approved by the University's Course Committee and within the 5-year validity period.**
      ☐**The 5-year validity period has expired; a new application is required.**
      ☐**In case of a major change in the original approved course or if the revision ratio exceeds 30%, reapplication is required.**

3. **Basic Course Information** (check ✓ or ■ if applicable)

(1)	Course Chinese Name	東亞的永續發展
(2)	Course English Name	Sustainable Development in East Asia

(3)	Teaching Format	☐Asynchronous Distance Teaching
		✓Synchronous Distance Teaching Broadcast University
		  Please fill-in the sign-off university and department for this course:
		  (1) University: Kyushu University Department: School of Interdisciplinary Science and Innovation

(4)	Instructor Name & Title	Dr. Mucahid Mustafa Bayrak, Associate Professor (NTNU) Dr. Yuichiro Fujioka, Associate Professor (Kyushu University)
(5)	Instructor Source	✓Appointed by Departments ☐Appointed by General Education Center ☐Both of Above ☐Other:
(6)	The Name of the Course Unit (or the college and department name)	College of Liberal Arts, Department of Geography

(7)	Course Level	✓Undergraduate Program ☐Master's Program
		☐Undergraduate-master Program Joint Course ☐Undergraduate-postgraduate Joint Course
		☐PhD Program ☐Continuing Education Master's Program
(8)	Program Type	✓Full-time Program ☐Part-time Program ☐Other:
(9)	Course Type	☐Common Courses ☐General Courses ☐School Required Courses
		✓Professional Courses ☐Educational Courses ☐Other:
(10)	Which Unit Offered This Course?	☐University ☐College ☐Graduate Institute
		✓Department ☐Other:
(11)	Course Duration	☐One Semester (half year) ☐Two Semesters (one year) ✓Other: One semester concentrated in four days
(12)	Course Attribute	☐Required ✓Elective ☐Other:
(13)	Number of Credits	1.0
(14)	Weekly Face-to-Face Class Hours	18 hour(s)/week (For asynchronous remote teaching, fill-in the average weekly "face-to-face" hours, which include classroom face-to-face and synchronized remote teaching hours. Divide the total "face-to-face" semester hours by the total number of course weeks.)
(15)	Number of Classes	1
(16)	Estimated Total Number of Students	20 (10 from NTNU and 10 from Kyushu University)
(17)	Fully English-Taught Course	✓Yes ☐No
(18)	Cooperative Foreign University (Please fill-in the cooperative universities if applicable)	Names of foreign cooperative universities and departments/institutes: Kyushu University, School of Interdisciplinary Science and Innovation ✓Domestic Broadcast ✓Domestic Sign-off ☐Overseas Special Program ☐Dual-Degree Program Other:
(19)	Course Platform URL (must be filled-in for asynchronous teaching)	NTNU online learning platform: https://moodle.ntnu.edu.tw/

(20)	Curriculum Plan URL	http://courseap.itc.ntnu.edu.tw/acadmOpenCourse/index.jsp

4. Course Teaching Design and Implementation Method

(1)	Learning Objectives	1. Understand and apprehend sustainability challenges in East Asia. 2. Be familiar with various concepts and theoretical frameworks on Sustainable Development. 3. Apply the sustainability framework to case studies in East Asia, and conduct group research
(2)	Target Student Group	All Undergraduate Students
(3)	Prerequisite(s)	None

(4) Course Content Outline: Please fill in the weekly teaching content and course outline (multiple teaching methods can be selected and filled in, for example: If the weekly face-to-face teaching is 2 hours and asynchronous teaching is 1 hour, write 2 in the "face-to-face" field, write 1 in the "asynchronous" field, and leave the "synchronous" field blank)

Summer 2022: 4 days intensively from August 22 – 25, 2022

Day	Topics	Learning Goal (Brief Description)	Teaching Interactive Design (topic discussion, peer review, etc.)	Testing/Evaluation Activities (omit if not designed for the week)	Classroom Face-to-Face Teaching	Remote learning	
						Asynch-ronous	Synchr-onized
Day 1 / Orientation	Explanation about ICOIL, Introduction of Both Universities, Purpose of this Course etc.	To get familiar with the course and course outcomes.	Class discussion				1
Day 1 / Lecture 1	Introduction to Sustainable Development	To understand the basics of sustainable development	Class discussion				1
Day 1 /	How did the Concept of	To understand	Class discussion				1

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			Lecture 2	Sustainable Development Evolve	how the concept of sustainable development evolved.					
			Day 1 / Tutorial 1	Group Work: Self-introduction, Discussion about topic	To get to know each other and choose the presentation topics.	Topic discussion				1
			Day 2 / Lecture 3	Sustainability policy and the SDGs	To learn to evaluate sustainable development policies and the SDGs.	Class discussion				1
			Day 2 / Lecture 4	How to measure Sustainable Development?	To get familiar with how to measure sustainable development.	Class discussion				1
			Day 2 / Tutorial 2	Group Work: decision of group theme	To work on the presentation in close cooperation with the lecturer.	Topic discussion				1
			Day 2 / Tutorial 3	Group Work: decision of group theme	To work on the presentation in close cooperation with the lecturer.	Topic discussion Peer review	Short self-report (5min)			1

			Day 3 / Lecture 5	Case studies I: Northeast Asia	To get real-life examples of sustainable development issues in Northeast Asia.	Class discussion					1	
			Day 3 / Lecture 6	Case studies II: Southeast Asia	To get real-life examples of sustainable development issues in Southeast Asia	Class discussion					1	
			Day 3 / Tutorial 4	Group Work: preparation	To work on the presentation in close cooperation with the lecturer.	Topic discussion					1	
			Day 3 / Tutorial 5	Group Work: preparation	To work on the presentation in close cooperation with the lecturer.	Topic discussion Peer review	Short self-report (5min)				1	
			Day 4 / Tutorial 6	Preparation (1) (Group Work)	To prepare for the PPT, and final adjustments to the presentation.	Topic discussion					1	
			Day 4 / Tutorial 7	Final presentations	To present and evaluate sustainability challenges in	Topic discussion Peer review	Group presentations				1	

			an East Asian Country.					
Day 4 / Tutorial 8	Final presentations	To present and evaluate sustainability challenges in an East Asian Country.	Topic discussion Peer review	Group presentations				1
Day 4 / Tutorial 9	Final presentations	To present and evaluate sustainability challenges in an East Asian Country.	Topic discussion Peer review	Group presentations				1
Day 4 / Tutorial 10	Class debate	To debate whether East Asia is able to meet the SDGs and combat climate change.	Topic discussion					1
Day 4 / Lecture 7	Summary and course wrap-up	To summarize the course and reflect upon it.	Topic discussion					1

(5)	Teaching Method	(if included, check ✓; multiple choices allowed) ✓ 1. Provide primary and supplementary materials for online courses ☐ 2. Provide online asynchronous teaching, number: _____ time(s), total hour(s): _____ hour(s) ✓ 3. Have online teacher or online assistant ☐ 4. Provide face-to-face teaching, number: _____ time(s), total hour(s): _____ hour(s) ✓ 5. Provide online synchronous face-to-face teaching, number: __4__ time(s), total hour(s): __18__ hour(s) ✓ 6. Provide topic discussion activities ✓ 7. Provide cooperative learning activities between students ☐ 8. Other: (please specify)
(6)	Learning	Does the content include the following roles and functions

	Management System	(if included, check ✓; multiple choices allowed)
		1. For learning management system database management by the system administrator
		  ✓ Personal data
		  ✓ Course information
		  ✓ Other related information management functions
		2. Provide the necessary learning management system functions for teachers (teaching assistants) and students
		  ☐ Latest News release, browse
		  ✓ Textbook content design, viewing, download
		  ✓ Grade system management & inquiry
		  ☐ Perform online testing
		  ✓ Learning information releasing
		  ✓ Interactive learning design (chat room or discussion area)
		  ✓ Function presentation for various teaching activities
		  ☐ Other related functions: (please specify)

(7)	Public Information about Interactive Teaching	Instructor Profile and Published Works (webpage link instructions can be attached): https://www.geo.ntnu.edu.tw/index.php/mucahid-mustafa-bayrak/
		Instructor E-mail: mmbayrak@ntnu.edu.tw
		Online Office Hours (at least 1 hour per week): Thursday 2pm-3pm.
		Teaching Assistant's Name/E-mail (omit if inapplicable):
		Other(omit if inapplicable):

(8)	Course Material Production	(if included, check ✓; multiple choices allowed)
		  ✓ 1. Provides appropriate reminders of key points
		  ✓ 2. Provides teaching-related examples

(9)	Assignment Submission Method	✓ 3. Provides teaching-related exercises and reflective activities ✓ 4. Provides supplementary teaching materials or online resources ✓ 5. Provides instructions for self-directed learning ✓ 6. Unit goals are consistent with course goals ☐ 7. Other: (if included, check ✓; multiple choices allowed) ✓ 1. Provides online assignment content description ✓ 2. Online real-time assignment ✓ 3. Assignment file upload and download ☐ 4. Online testing ✓ 5. Grade inquiry ☐ 6. Other:

(10)	Grading Method	※ **To comply with the spirit of online course design, you must understand and agree to the contents of the following 3 items, and provide detailed description after checking ✓ the box for item 3)**
		✓ 1. The course can provide evaluation results and feedback for each learning evaluation
		✓ 2. The evaluation has taken the students online learning history and participation level into account
		✓ 3. The percentage of each score is explained in detail below: (testing method and items, and their total score percentage)
		
		    1. Individual reflection report on the course, around 1-2 pages (deadline: 1 week later) in English（30%）
		    2. Class discussion involvement (20%)
		    3. Attendances (10%)
		    4. Presentation: Choose a country in East Asia and analyze its sustainability challenges and response: 15 min group presentation + Q&A. (40%)

(11)	Precautions for Class:	1. Students are required to attend all lectures and group discussions. 2. Active participation is required.
(12)		**Observe intellectual property rights in the creation of course content.** ※ Pay attention to any infringement of copyright or other rights in the creation of relevant teaching content. ※ If the copyright for any part of the teaching content is owned by others and authorization has been obtained from the rights holder, please indicate the source of the material.