

## Tamkang University Academic Year 111, 1st Semester Course Syllabus

Course Title	EXPLORING SUSTAINABILITY	Instructor	HUANG-WEN HUANG
Course Class	TEIDB1A DEPARTMENT OF COMPUTER SCIENCE AND INFORMATION ENGINEERING (ENGLISH-TAUGHT PROGRAM), 1A	Details	<ul style="list-style-type: none"> <li>◆ General Course</li> <li>◆ Required</li> <li>◆ One Semester</li> </ul>
Relevance to SDGs	SDG3 Good health and well-being for people SDG6 Clean water and sanitation SDG7 Affordable and clean energy SDG9 Industry, Innovation, and Infrastructure		
D e p a r t m e n t a l   A i m   o f   E d u c a t i o n			
I . Building an Knowledge Map for Exploring Sustainability. II . Guiding a Learning Process of Social Awareness, Social Participation, and Social Innovation. III . Learning the Methods of Exploring Sustainability Step by Step. IV . Become an Explorer of Sustainable Action.			
Subject Schoolwide essential virtues			
1. A global perspective. (ratio:20.00) 2. Information literacy. (ratio:5.00) 3. A vision for the future. (ratio:20.00) 4. Moral integrity. (ratio:5.00) 5. Independent thinking. (ratio:20.00) 6. A cheerful attitude and healthy lifestyle. (ratio:5.00) 7. A spirit of teamwork and dedication. (ratio:20.00) 8. A sense of aesthetic appreciation. (ratio:5.00)			

Course Introduction	<p>This is the 2nd half of the new campus-wide course: AI and Exploring Sustainability. The goal of this part of the course is to facilitate the knowledge, abilities and skills for learners needed to live a sustainable way of life and be the change in their professional discipline.</p>
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**The correspondences between the course's instructional objectives and the cognitive, affective, and psychomotor objectives.**

Differentiate the various objective methods among the cognitive, affective and psychomotor domains of the course's instructional objectives.

- I. Cognitive : Emphasis upon the study of various kinds of knowledge in the cognition of the course's veracity, conception, procedures, outcomes, etc.
- II. Affective : Emphasis upon the study of various kinds of knowledge in the course's appeal, morals, attitude, conviction, values, etc.
- III. Psychomotor: Emphasis upon the study of the course's physical activity and technical manipulation.

No.	Teaching Objectives	objective methods
1	This course aims to arouse the students' consciousness upon the green earth.	Cognitive

The correspondences of teaching objectives : core competences, essential virtues, teaching methods, and assessment

No.	Core Competences	Essential Virtues	Teaching Methods	Assessment
1		12345678	Lecture, Discussion	Study Assignments, Discussion(including classroom and online), Report(including oral and written)

Course Schedule

Week	Date	Course Contents	Note
1	111/09/05 ~ 111/09/11	N/A	
2	111/09/12 ~ 111/09/18	N/A	
3	111/09/19 ~ 111/09/25	N/A	
4	111/09/26 ~ 111/10/02	N/A	

5	111/10/03 ~ 111/10/09	N/A	
6	111/10/10 ~ 111/10/16	N/A	
7	111/10/17 ~ 111/10/23	N/A	
8	111/10/24 ~ 111/10/30	N/A	
9	111/10/31 ~ 111/11/06	N/A	
10	111/11/07 ~ 111/11/13	Midterm Exam Week	
11	111/11/14 ~ 111/11/20	What is sustainability?	
12	111/11/21 ~ 111/11/27	Task introduction + team up	
13	111/11/28 ~ 111/12/04	Topic discussion	
14	111/12/05 ~ 111/12/11	Exploration of sustainable issues	
15	111/12/12 ~ 111/12/18	Exploration of sustainable issues	
16	111/12/19 ~ 111/12/25	Exploration of sustainable issues	
17	111/12/26 ~ 112/01/01	Presentations	
18	112/01/02 ~ 112/01/08	Final Exam Week	
Requirement			
Teaching Facility		Computer, Projector	
Textbooks and Teaching Materials			
References			
Number of Assignment(s)		1 (Filled in by assignment instructor only)	
Grading Policy		◆ Attendance : 10.0 %   ◆ Mark of Usual : 20.0 %   ◆ Midterm Exam :   % ◆ Final Exam : 50.0 % ◆ Other <Portfolio> : 20.0 %	

Note	<p>This syllabus may be uploaded at the website of Course Syllabus Management System at <a href="http://info.ais.tku.edu.tw/csp">http://info.ais.tku.edu.tw/csp</a> or through the link of Course Syllabus Upload posted on the home page of TKU Office of Academic Affairs at <a href="http://www.acad.tku.edu.tw/CS/main.php">http://www.acad.tku.edu.tw/CS/main.php</a> .</p> <p>※ <b>Unauthorized photocopying is illegal. Using original textbooks is advised. It is a crime to improperly photocopy others' publications.</b></p>
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