

Tamkang University Academic Year 102, 2nd Semester Course Syllabus

Course Title	ENVIRONMENTAL CHANGE AND SUSTAINABLE FUTURES	Instructor	
Course Class	TGVRB0A FUTURES STUDIES ON LANYANG CAMPUS, 0A	Details	<ul style="list-style-type: none">◆ Required◆ One Semester◆ 2 Credits
Academic Aim of Education			
<p>I. To introduce basic knowledge on futures studies.</p> <p>II. To raise awareness and to foster positive attitude towards the future of humanities.</p> <p>III. To cultivate critical thinking skills with a foresight perspective.</p> <p>IV. To cultivate the ability to explore futures issues with interdisciplinary perspectives.</p> <p>V. To develop skills for spotting emerging issues.</p>			
Schoolwide essential virtues			
<p>A. A global perspective.</p> <p>B. Information literacy.</p> <p>C. A vision for the future.</p> <p>D. Moral integrity.</p> <p>E. Independent thinking.</p> <p>F. A cheerful attitude and healthy lifestyle.</p> <p>G. A spirit of teamwork and dedication.</p> <p>H. A sense of aesthetic appreciation.</p>			
Course Introduction	For the past decades, the environment has been greatly changed because of the impacts of human activities. This class aim to help learners to be aware of human-nature relationship, understand the basic concepts of ecological and environmental system, and identify environmental issues globally and locally. Most importantly, this class will help learners to understand the concept of sustainability and develop the balanced future life that considering environmental protection, social justice and economic development at the same time.		

The Relevance among Teaching Objectives, Objective Levels and Schoolwide essential virtues

I.Objective Levels (select applicable ones) :

- (i) Cognitive Domain : C1-Remembering, C2-Understanding, C3-Applying,
C4-Analyzing, C5-Evaluating, C6-Creating
- (ii) Psychomotor Domain : P1-Imitation, P2-Mechanism, P3-Independent Operation,
P4-Linked Operation, P5-Automation, P6-Origination
- (iii) Affective Domain : A1-Receiving, A2-Responding, A3-Valuing,
A4-Organizing, A5-Characterizing, A6-Implementing

II.The Relevance among Teaching Objectives, Objective Levels and Schoolwide essential virtues :

- (i) Determine the objective level(s) in any one of the three learning domains (cognitive, psychomotor, and affective) corresponding to the teaching objective. Each objective should correspond to the objective level(s) of ONLY ONE of the three domains.
- (ii) If more than one objective levels are applicable for each learning domain, select the highest one only. (For example, if the objective levels for Cognitive Domain include C3,C5,and C6, select C6 only and fill it in the boxes below. The same rule applies to Psychomotor Domain and Affective Domain.)
- (iii) Determine the Schoolwide essential virtues that correspond to each teaching objective. Each objective may correspond to one or more Schoolwide essential virtues at a time. (For example, if one objective corresponds to three Schoolwide essential virtues: A,AD, and BEF, list all of the three in the box.)

No.	Teaching Objectives	Relevance	
		Objective Levels	Schoolwide essential virtues
1	(1)Aware of our relationship with environment. (2)Understanding basic concepts of ecology, environment and sustainability. (3)Identifying environmental issues globally and locally. (4)Developing the ability to plan future life that considering environmental protection, social justice and economics.	C4	ABDEG

Teaching Objectives, Teaching Methods and Assessment

No.	Teaching Objectives	Teaching Methods	Assessment
1	(1)Aware of our relationship with environment. (2)Understanding basic concepts of ecology, environment and sustainability. (3)Identifying environmental issues globally and locally. (4)Developing the ability to plan future life that considering environmental protection, social justice and economics.	Lecture, Discussion	Written test, Report, Participation

Course Schedule

Week	Date	Subject/Topics	Note

1	103/02/17 ~ 103/02/23	Class description	
2	103/02/24 ~ 103/03/02	Global environmental change I	
3	103/03/03 ~ 103/03/09	Global environmental change II	
4	103/03/10 ~ 103/03/16	Movie	
5	103/03/17 ~ 103/03/23	Misconception and pollution	
6	103/03/24 ~ 103/03/30	Presentation I	
7	103/03/31 ~ 103/04/06	Presentation I	
8	103/04/07 ~ 103/04/13	Biodiversity and invasive species	
9	103/04/14 ~ 103/04/20	Movie	
10	103/04/21 ~ 103/04/27	Midterm Exam Week	
11	103/04/28 ~ 103/05/04	Animal right and welfare	
12	103/05/05 ~ 103/05/11	Human and nature relationship	
13	103/05/12 ~ 103/05/18	Environmental justice	
14	103/05/19 ~ 103/05/25	Movie	
15	103/05/26 ~ 103/06/01	Sustainable development	
16	103/06/02 ~ 103/06/08	Presentation II	
17	103/06/09 ~ 103/06/15	Presentation II	
18	103/06/16 ~ 103/06/22	Final Exam Week	
Requirement			
Teaching Facility		Computer, Projector	
Textbook(s)		Louv, R. (2005). Last Child in the Woods: Saving Our Children From Nature-Deficit Disorder. Chapel Hill, NC : Algonquin Books of Chapel Hill.	
Reference(s)		Leonard, A. (2010). The story of stuff: How our obsession with stuff is trashing the planet, our communities, and our health - and a vision for change. NY: Free Press. Outwater, A. & Gonick, L. (1996). The Cartoon Guide to the Environment. Collins Reference.	

Number of Assignment(s)	1 (Filled in by assignment instructor only)
Grading Policy	<p>◆ Attendance : 10.0 % ◆ Mark of Usual : 10.0 % ◆ Midterm Exam : 20.0 %</p> <p>◆ Final Exam : 20.0 %</p> <p>◆ Other 〈Presentation/Report〉 : 40.0 %</p>
Note	<p>This syllabus may be uploaded at the website of Course Syllabus Management System at http://info.ais.tku.edu.tw/csp or through the link of Course Syllabus Upload posted on the home page of TKU Office of Academic Affairs at http://www.acad.tku.edu.tw/CS/main.php.</p> <p>※ Unauthorized photocopying is illegal. Using original textbooks is advised. It is a crime to improperly photocopy others' publications.</p>