

Tamkang University Academic Year 106, 2nd Semester Course Syllabus

Course Title	FUTURES STUDIES IN ENVIRONMENT	Instructor	CHEN I-LING
Course Class	TGVRB1A FUTURES STUDIES ON LANYANG CAMPUS, 1A	Details	◆ Required ◆ One Semester ◆ 2 Credits
Academic Aim of Education			
I. To introduce basic knowledge on futures studies. II. To raise awareness and to foster positive attitude towards the future of humanities. III. To cultivate critical thinking skills with a foresight perspective. IV. To cultivate the ability to explore futures issues with interdisciplinary perspectives. V. To develop skills for spotting emerging issues.			
Schoolwide essential virtues			
A. A global perspective. B. Information literacy. C. A vision for the future. D. Moral integrity. E. Independent thinking. F. A cheerful attitude and healthy lifestyle. G. A spirit of teamwork and dedication. H. A sense of aesthetic appreciation.			
Course Introduction	This course is designed to introduce students some of the techniques used to envision the future and to plan for alternative futures. Students will develop an understanding of environmental influence on the development and management of emerging niche markets in the future. Students are required to work in teams to implement their knowledge.		

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	Work in groups to understand and apply various techniques for forecasting and envisioning the future	C2	ACD
2	Reflect on how megatrends will impact on the future industries	C4	ACD
3	Outline appropriate information to inform strategies in emerging markets to increase the benefits of future trends	C3	ACD

Teaching Objectives, Teaching Methods and Assessment

No.	Teaching Objectives	Teaching Methods	Assessment
1	Work in groups to understand and apply various techniques for forecasting and envisioning the future	Lecture, Discussion, Problem solving	Written test, Report, Participation
2	Reflect on how megatrends will impact on the future industries	Lecture, Discussion, Problem solving	Written test, Report, Participation
3	Outline appropriate information to inform strategies in emerging markets to increase the benefits of future trends	Discussion, Appreciation, Simulation, Problem solving	Written test, Report, Participation, Video

Course Schedule

Week	Date	Subject/Topics	Note
1	107/02/26~ 107/03/04	Course Orientation	

2	107/03/05 ~ 107/03/11	Introduction to Futures Thinking	
3	107/03/12 ~ 107/03/18	Six Pillars Foresight Process	
4	107/03/19 ~ 107/03/25	Methods for Envisioning the Future	
5	107/03/26 ~ 107/04/01	Scenario Development	
6	107/04/02 ~ 107/04/08	Futures Wheels	
7	107/04/09 ~ 107/04/15	Causal Layer Analysis	
8	107/04/16 ~ 107/04/22	Megatrends Reflection	Quiz
9	107/04/23 ~ 107/04/29	Environmental Megatrends	
10	107/04/30 ~ 107/05/06	Midterm Exam Week	
11	107/05/07 ~ 107/05/13	Environmental Megatrends	
12	107/05/14 ~ 107/05/20	The Impact of Global Warming	
13	107/05/21 ~ 107/05/27	Rethinking Urban Landscapes	
14	107/05/28 ~ 107/06/03	Tourism Trends and Futures	
15	107/06/04 ~ 107/06/10	Video Discussion: Futures Scenario (I)	Assignment
16	107/06/11 ~ 107/06/17	Video Discussion: Futures Scenario (II)	
17	107/06/18 ~ 107/06/24	Summative Lecture	
18	107/06/25 ~ 107/07/01	Final Exam Week	
Requirement		Students are required to team up themselves to come up with discussions in class.	
Teaching Facility		Computer, Projector	
Textbook(s)			
Reference(s)		<p>Inayatullah, Sohail. 2008. "Six Pillars: Futures Thinking For Transforming." Foresight 10 (1): 4–28.</p> <p>Inayatullah, S. (2015). What Works: Case Studies in the Practice of Foresight: Tamkang University Press.</p> <p>Benckendorff, P. (2008). Envisioning sustainable tourism futures: An evaluation of the futures wheel method. Tourism and Hospitality Research, 8(1), 25-36.</p>	

Number of Assignment(s)	1 (Filled in by assignment instructor only)
Grading Policy	<p>◆ Attendance : % ◆ Mark of Usual : 20.0 % ◆ Midterm Exam : 20.0 %</p> <p>◆ Final Exam : 20.0 %</p> <p>◆ Other 〈Quiz, assignment〉 : 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>