

## Tamkang University Academic Year 106, 2nd Semester Course Syllabus

Course Title	FUTURES STUDIES IN ENVIRONMENT	Instructor	TSAI, TSUNG-PO
Course Class	TGVRB0A FUTURES STUDIES ON LANYANG CAMPUS, 0A	Details	<ul style="list-style-type: none"> <li>◆ Required</li> <li>◆ One Semester</li> <li>◆ 2 Credits</li> </ul>
Academic Aim of Education			
<ul style="list-style-type: none"> <li>I. To introduce basic knowledge on futures studies.</li> <li>II. To raise awareness and to foster positive attitude towards the future of humanities.</li> <li>III. To cultivate critical thinking skills with a foresight perspective.</li> <li>IV. To cultivate the ability to explore futures issues with interdisciplinary perspectives.</li> <li>V. To develop skills for spotting emerging issues.</li> </ul>			
Schoolwide essential virtues			
<ul style="list-style-type: none"> <li>A. A global perspective.</li> <li>B. Information literacy.</li> <li>C. A vision for the future.</li> <li>D. Moral integrity.</li> <li>E. Independent thinking.</li> <li>F. A cheerful attitude and healthy lifestyle.</li> <li>G. A spirit of teamwork and dedication.</li> <li>H. A sense of aesthetic appreciation.</li> </ul>			
Course Introduction	<p>New technologies are creating more and more modern science. By using the knowledge of Foresight, we will be able to realize the meaning of different futures and change the way we live in the world. Futurists help people view and explore the range of possible futures. This course is an introduction, understanding and development of personal way of thinking to create and develop your individual future. It will introduce the origin and history of the Futures Studies and also cover methods and techniques in this field. The basic assumptions and theories will be highlighted during the course.</p>		

## 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-Charaterizing, 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	To introduce basic knowledge on futures studies.	C2	AC
2	To raise awareness and to foster positive attitude towards the future of humanities.	C2	ACD
3	To cultivate critical thinking skills with a foresight perspective.	C4	C
4	To cultivate the ability to explore futures issues with interdisciplinary perspectives.	C3	C
5	To develop skills for spotting emerging issues.	C4	C

### Teaching Objectives, Teaching Methods and Assessment

No.	Teaching Objectives	Teaching Methods	Assessment
1	To introduce basic knowledge on futures studies.	Lecture, Discussion, Problem solving	Written test, Report, Participation
2	To raise awareness and to foster positive attitude towards the future of humanities.	Lecture	Written test
3	To cultivate critical thinking skills with a foresight perspective.	Discussion	Report
4	To cultivate the ability to explore futures issues with interdisciplinary perspectives.	Problem solving	Report

5	To develop skills for spotting emerging issues.	Discussion	Written test, Report
Course Schedule			
Week	Date	Subject/Topics	Note
1	107/02/26 ~ 107/03/04	Course Introduction	
2	107/03/05 ~ 107/03/11	Seven Questions	
3	107/03/12 ~ 107/03/18	Seven Questions	
4	107/03/19 ~ 107/03/25	Six Pillars - Mapping & Anticipating	
5	107/03/26 ~ 107/04/01	Six Pillars - Timing & Deepening	
6	107/04/02 ~ 107/04/08	Six Pillars - Creating Alternatives & Transforming	
7	107/04/09 ~ 107/04/15	Nine Methods - The Future Triangle	
8	107/04/16 ~ 107/04/22	Nine Methods - Emerging Issues Analysis	
9	107/04/23 ~ 107/04/29	Midterm Review	
10	107/04/30 ~ 107/05/06	Midterm Exam Week	
11	107/05/07 ~ 107/05/13	Nine Methods - The Future Wheel	
12	107/05/14 ~ 107/05/20	Nine Methods - Macro-history Approach	
13	107/05/21 ~ 107/05/27	Nine Methods - Causal Layer Analysis	
14	107/05/28 ~ 107/06/03	Nine Methods - Causal Layer Analysis	
15	107/06/04 ~ 107/06/10	Nine Methods - Scenario Development	
16	107/06/11 ~ 107/06/17	Nine Methods - Visioning	
17	107/06/18 ~ 107/06/24	Nine Methods - Backcasting	
18	107/06/25 ~ 107/07/01	Final Exam Week	
Requirement	Students who do not attend class after gaining approval for leave are viewed as being "absent" from class. Those who do not attend class for more than 18 hours are disqualified for any exams in the class and will receive a semester grade (for that course) of zero.		
Teaching Facility	Computer, Projector		
Textbook(s)			

Reference(s)	
Number of Assignment(s)	(Filled in by assignment instructor only)
Grading Policy	<p>◆ Attendance : 20.0 %    ◆ Mark of Usual :        %    ◆ Midterm Exam : 20.0 %</p> <p>◆ Final Exam : 30.0 %</p> <p>◆ Other (Participation&amp;Report) : 30.0 %</p>
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>