

## Tamkang University Academic Year 107, 2nd Semester Course Syllabus

Course Title	FUTURES THINKING AND INNOVATION	Instructor	JEANNE HOFFMAN
Course Class	TDDXM1A MASTER'S PROGRAM, GRADUATE INSTITUTE OF FUTURES STUDIES, 1A	Details	<ul style="list-style-type: none"> <li>◆ Selective</li> <li>◆ One Semester</li> <li>◆ 2 Credits</li> </ul>
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			
Cultivating students' ability in the following areas: (1) in facing future changes and in integrating interdisciplinary knowledge, (2) in developing future-oriented thinking, and (3) in analyzing and planning the futures.			
D e p a r t m e n t a l   c o r e   c o m p e t e n c e s			
<ul style="list-style-type: none"> <li>A. The ability of critical thinking.</li> <li>B. The ability to analyze the future.</li> <li>C. The ability to examine social trends.</li> <li>D. The ability to think globally.</li> <li>E. The ability to empirically apply theories.</li> </ul>			
Course Introduction	<p>This course provides your with an understanding of how to develop organisational policy innovation through the lens of futures studies and design thinking. You will use strategic foresight tools to help create better visions. You will explore the world of 2040 using futures tools and generate tangible scenarios and futures artefacts using design, creativity and problem solving techniques.</p>		

**The Relevance among Teaching Objectives, Objective Levels and Departmental core competences**

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 Departmental core competences :

- (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 Departmental core competences that correspond to each teaching objective. Each objective may correspond to one or more Departmental core competences at a time. (For example, if one objective corresponds to three Departmental core competences: A,AD, and BEF, list all of the three in the box.)

No.	Teaching Objectives	Relevance	
		Objective Levels	Departmental core competences
1	to develop students' expertise in foresight, research, innovation and design methodologies.	C3	ABCDE

**Teaching Objectives, Teaching Methods and Assessment**

No.	Teaching Objectives	Teaching Methods	Assessment
1	to develop students' expertise in foresight, research, innovation and design methodologies.	Lecture, Discussion, Practicum, Problem solving	Report, Participation

This course has been designed to cultivate the following essential qualities in TKU students

Essential Qualities of TKU Students	Description
◆ A global perspective	Helping students develop a broader perspective from which to understand international affairs and global development.
◆ Information literacy	Becoming adept at using information technology and learning the proper way to process information.
◆ A vision for the future	Understanding self-growth, social change, and technological development so as to gain the skills necessary to bring about one's future vision.
◆ Moral integrity	Learning how to interact with others, practicing empathy and caring for others, and constructing moral principles with which to solve ethical problems.
◆ Independent thinking	Encouraging students to keenly observe and seek out the source of their problems, and to think logically and critically.
◆ A cheerful attitude and healthy lifestyle	Raising an awareness of the fine balance between one's body and soul and the environment; helping students live a meaningful life.
◆ A spirit of teamwork and dedication	Improving one's ability to communicate and cooperate so as to integrate resources, collaborate with others, and solve problems.
◆ A sense of aesthetic appreciation	Equipping students with the ability to sense and appreciate aesthetic beauty, to express themselves clearly, and to enjoy the creative process.

#### Course Schedule

Week	Date	Subject/Topics	Note
1	108/02/18 ~ 108/02/24	Introductions and course overview	
2	108/02/25 ~ 108/03/03	What is innovation and learning	
3	108/03/04 ~ 108/03/10	Disruption and creativity	
4	108/03/11 ~ 108/03/17	Design thinking	
5	108/03/18 ~ 108/03/24	Strategic Foresight Leadership	
6	108/03/25 ~ 108/03/31	Holding my authority	
7	108/04/01 ~ 108/04/07	Spring Break	
8	108/04/08 ~ 108/04/14	Proposal Presentation	
9	108/04/15 ~ 108/04/21	Auction from the future	
10	108/04/22 ~ 108/04/28	Exam Week	
11	108/04/29 ~ 108/05/05	Crash course in Design Thinking	
12	108/05/06 ~ 108/05/12	Design Project	

13	108/05/13 ~ 108/05/19	Ideation	
14	108/05/20 ~ 108/05/26	Experimentation	
15	108/05/27 ~ 108/06/02	Evolution	
16	108/06/03 ~ 108/06/09	Final Presentations	
17	108/06/10 ~ 108/06/16	Free week	
18	108/06/17 ~ 108/06/23	Exam Week	
Requirement			
Teaching Facility	Computer, Projector		
Textbook(s)			
Reference(s)			
Number of Assignment(s)	3 (Filled in by assignment instructor only)		
Grading Policy	◆ Attendance : 20.0 %   ◆ Mark of Usual : 30.0 %   ◆ Midterm Exam :   % ◆ Final Exam :   % ◆ Other <presentation> : 50.0 %		
Note	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> . <b>※ Unauthorized photocopying is illegal. Using original textbooks is advised. It is a crime to improperly photocopy others' publications.</b>		