

Tamkang University Academic Year 110, 1st Semester Course Syllabus

Course Title	FUTURES THINKING AND INNOVATION	Instructor	NUR ANISAH BINTI ABDULLAH
Course Class	TDJAM2A MASTER'S PROGRAM IN FUTURES STUDIES, DEPARTMENT OF EDUCATION AND FUTURES DESIGN, 2A	Details	<ul style="list-style-type: none"> ◆ General Course ◆ Selective ◆ One Semester
Relevance to SDGs	SDG8 Decent work and economic growth SDG9 Industry, Innovation, and Infrastructure SDG11 Sustainable cities and communities SDG12 Responsible consumption and production		
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.			
Subject Departmental core competences			
A. The ability of critical thinking.(ratio:20.00) B. The ability to analyze the future.(ratio:30.00) C. The ability to examine social trends.(ratio:30.00) D. The ability to think globally.(ratio:20.00)			
Subject Schoolwide essential virtues			
2. Information literacy. (ratio:20.00) 3. A vision for the future. (ratio:30.00) 5. Independent thinking. (ratio:20.00) 7. A spirit of teamwork and dedication. (ratio:20.00) 8. A sense of aesthetic appreciation. (ratio:10.00)			

Course Introduction	This course introduces futures methodologies for exploring, analysing, understanding and appreciating the implications brought about by technological and social change. This knowledge informs innovative decisions and actions for a transformative society. This course covers Futures Studies and the importance of innovation.
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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	i) To introduce futures methodologies as tools for analysis: environmental scanning and trendspotting; envisioning the images of the future ii) To cultivate critical thinking skills for transformative foresight iii) To cultivate awareness and positive attitude towards the future of humanities.	Cognitive

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

No.	Core Competences	Essential Virtues	Teaching Methods	Assessment
1	ABCD	23578	Lecture, Discussion, Experience	Testing, Discussion(including classroom and online), Report(including oral and written), Activity Participation

Course Schedule

Week	Date	Course Contents	Note
1	110/09/22 ~ 110/09/28	Introduction to the course	
2	110/09/29 ~ 110/10/05	How do you think of the future?	Metaphors of the Future

3	110/10/06 ~ 110/10/12	What is futures studies & why futures studies is important?	
4	110/10/13 ~ 110/10/19	Introduction to the Three Horizons	
5	110/10/20 ~ 110/10/26	Using the Three Horizon for environmental scanning	
6	110/10/27 ~ 110/11/02	Innovation -Lecture	
7	110/11/03 ~ 110/11/09	Innovation and Designs	
8	110/11/10 ~ 110/11/16	The Four Alternative Futures - Jim Dator	
9	110/11/17 ~ 110/11/23	Mid term break	
10	110/11/24 ~ 110/11/30	SDG Project topic identification	
11	110/12/01 ~ 110/12/07	Introduction to the Futures Triangle & Fieldwork	
12	110/12/08 ~ 110/12/14	Fieldwork Part 1; Conduct of Interviews	
13	110/12/15 ~ 110/12/21	Fieldwork Part 2 : Data Analysis	
14	110/12/22 ~ 110/12/28	Fieldwork Part 3: Writing narratives	
15	110/12/29 ~ 111/01/04	Fieldwork: Findings reporting	
16	111/01/05 ~ 111/01/11	Ideation and Creation solutions - Part 1	
17	111/01/12 ~ 111/01/18	Ideation and Creation solutions - Part 2	
18	111/01/19 ~ 111/01/25		
Requirement			
Teaching Facility		Computer, Other (Miro online whiteboard)	
Textbooks and Teaching Materials		Six Pillar by Sohail Inayatullah Three Horizons by Bill Sharpe	
References			
Number of Assignment(s)		4 (Filled in by assignment instructor only)	
Grading Policy		◆ Attendance : 10.0 % ◆ Mark of Usual : 70.0 % ◆ Midterm Exam : % ◆ Final Exam : % ◆ Other (Reflection) : 20.0 %	

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>
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