

## Tamkang University Academic Year 112, 2nd Semester Course Syllabus

Course Title	SEMINAR	Instructor	HUANG, MING-HUI
Course Class	TECXM1A MASTER'S PROGRAM, DEPARTMENT OF CIVIL ENGINEERING, 1A	Details	<ul style="list-style-type: none"> <li>◆ General Course</li> <li>◆ Selective</li> <li>◆ One Semester</li> </ul>
Relevance to SDGs	SDG4 Quality education		
<b>Departmental Aim of Education</b>			
<ul style="list-style-type: none"> <li>I. Develop students' ability and knowledge of civil engineering to meet the requirements of employability and further education.</li> <li>II. Equip students with the ability to integrate engineering profession and information technology to strengthen their competitiveness.</li> <li>III. Enable students to understand the international trends, and to activate a lifelong learning concept.</li> </ul>			
<b>Subject Departmental core competences</b>			
<ul style="list-style-type: none"> <li>A. Each student should have the advanced professional knowledge of engineering design and analysis.(ratio:10.00)</li> <li>B. Each student should have the ability to integrate interdisciplinary knowledge and information technology.(ratio:10.00)</li> <li>C. Each student should have independent thinking and ability of research conducting and dissertation writing.(ratio:20.00)</li> <li>D. Each student should have the ability of effective communication, team work integration and leadership.(ratio:20.00)</li> <li>E. Each student should the concept of lifelong learning and international sustainability. (ratio:40.00)</li> </ul>			
<b>Subject Schoolwide essential virtues</b>			
<ul style="list-style-type: none"> <li>1. A global perspective. (ratio:20.00)</li> <li>2. Information literacy. (ratio:15.00)</li> <li>3. A vision for the future. (ratio:20.00)</li> <li>4. Moral integrity. (ratio:10.00)</li> <li>5. Independent thinking. (ratio:15.00)</li> <li>6. A cheerful attitude and healthy lifestyle. (ratio:5.00)</li> </ul>			

7. A spirit of teamwork and dedication. (ratio:10.00)

8. A sense of aesthetic appreciation. (ratio:5.00)

**Course Introduction**

This course invites experts from different fields to give speeches, and helps students to learn more.

**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	This course invites experts from different fields to give speeches, and helps students to learn more.	Cognitive

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

No.	Core Competences	Essential Virtues	Teaching Methods	Assessment
1	ABCDE	12345678	Lecture, Discussion, Publication	Study Assignments, Discussion(including classroom and online), Report(including oral and written)

**Course Schedule**

Week	Date	Course Contents	Note
1	113/02/19~ 113/02/25	課程介紹	
2	113/02/26~ 113/03/03	環安講習	(2.29)2~4節
3	113/03/04~ 113/03/10	Basic Research Skills	

4	113/03/11 ~ 113/03/17	邀請演講 1 (安排中)	
5	113/03/18 ~ 113/03/24	邀請演講 2 (安排中)	
6	113/03/25 ~ 113/03/31	Research Proposal Writing	
7	113/04/01 ~ 113/04/07	教學觀摩週	
8	113/04/08 ~ 113/04/14	邀請演講 3 (安排中)	
9	113/04/15 ~ 113/04/21	期中考試週	
10	113/04/22 ~ 113/04/28	學生簡報及討論	
11	113/04/29 ~ 113/05/05	學生簡報及討論	
12	113/05/06 ~ 113/05/12	學生簡報及討論	
13	113/05/13 ~ 113/05/19	邀請演講 4 (安排中)	
14	113/05/20 ~ 113/05/26	學生簡報及討論	
15	113/05/27 ~ 113/06/02	學生簡報及討論	
16	113/06/03 ~ 113/06/09	學生簡報及討論	
17	113/06/10 ~ 113/06/16	期末考試週	
18	113/06/17 ~ 113/06/23	學生簡報及討論	
Key capabilities			
Interdisciplinary			
Distinctive teaching			
Course Content		Logical Thinking	

Requirement	
Textbooks and Teaching Materials	Self-made teaching materials:演講者提供之講題資料
References	研究生完全求生手冊,彭明輝,聯經出版事業股份有限公司
Grading Policy	<ul style="list-style-type: none"> <li>◆ Attendance : 30.0 %</li> <li>◆ Mark of Usual : 40.0 %</li> <li>◆ Midterm Exam : %</li> <li>◆ Final Exam : %</li> <li>◆ Other 〈研究成果報告〉 : 30.0 %</li> </ul>
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>