Tamkang University Academic Year 106, 1st Semester Course Syllabus

Course Title	CONTEMPORARY ARCHITECTURE AND DESIGN	Instructor	TZEN-YING LING
Course Class	TEAXB3A DEPARTMENT OF ARCHITECTURE, 3A	Details	◆ Required ◆ One Semester ◆ 2 Credits

Departmental Aim of Education

Ⅰ. Discern and understand current society and trends of development (Knowledge accumulation).

Ⅱ. Training of professionalism (Knowledge implementation).

   1. Learning of professional skills and practice.

   2. Cultivation of a character attending to social justice and public interest for architectural professionalism.

   3. Inspiring creative thinking in environment and architecture design discipline.

Ⅲ. Implementation of inter-disciplinary knowledge and team works (self-educating and growth).

Departmental core competences

A. Abilities in architectural design, creativities, aesthetics, and cumulating of knowledge for the development of architectural professionalism.

B. Competence of logical reasoning and judgment for issue discovering, information gathering, analysis and problem solutions, and integration conceptual thinking into physical forms.

C. Understanding and application of fundamental mathematics and science skills.

D. Understanding of knowledge from socio-cultural, humanity and psychology disciplines for applications in architectural thinking and problem resolutions.

E. Competence in implementation of architectonics, construction, and architectural practices.

F. Understanding the functioning of ecological and urban environment and applying in architectural and urban design process.

G. Application of information technology for creative works and enhancing communication ability.

H. Prepared for planning management、effective communication and team-work, understanding of professional ethics and social responsibilities, highly pertinent to current affairs and global perspective.

	Course Introduction	This course considers the changing role of modern architecture theory with respect to architectural and urbane practice over the course of the twentieth and twenty-first centuries, and aims to furnish students with a set of questions, techniques, and tools for criticism and self-critique. Focusing on key figures, movements, and texts, this course provides an overview of the principal theories that have informed, animated, or destabilized recent architectural, urban, and landscape discourse.

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	1 .To probe into the broader cultural meanings inherent in the major transformation in architecture discourse that emerged thru the last decades.	C5	BCFG
2	To explore how exterior cultural and social pressures become embedded in the formal and spatial characteristics of architecture, and how they in turn contribute to a larger understanding to modernism.	C1	AB
3	to understand better the relationship of architecture history and theory in contemporary world	A6	BE
4	to understand better architecture history and theory in the contemporary world	C4	D
5	comprehensive analysis capacity	P1	CD

6	Discern and understand current society and trends of development (Knowledge accumulation).	A4	BH

Teaching Objectives, Teaching Methods and Assessment			
No.	Teaching Objectives	Teaching Methods	Assessment
1	1 .To probe into the broader cultural meanings inherent in the major transformation in architecture discourse that emerged thru the last decades.	Lecture	Report, Participation
2	To explore how exterior cultural and social pressures become embedded in the formal and spatial characteristics of architecture, and how they in turn contribute to a larger understanding to modernism.	Lecture, team work	Report, Participation
3	to understand better the relationship of architecture history and theory in contemporary world	Lecture, Problem solving	Report, Participation
4	to understand better architecture history and theory in the contemporary world	Lecture	Written test
5	comprehensive analysis capacity	Appreciation	Report
6	Discern and understand current society and trends of development (Knowledge accumulation).	Lecture, Practicum	Report

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	106/09/18～ 106/09/24	I-1930 and Beyond-Class introduction	
2	106/09/25～ 106/10/01	I-1930 and Beyond-Europe between wars	
3	106/10/02～ 106/10/08	I-1930 and Beyond-Le Corbusier and 5 Points in Architecture	
4	106/10/09～ 106/10/15	I-1930 and Beyond-the Role of CIAM and Bauhaus	
5	106/10/16～ 106/10/22	I-1930 and Beyond-Contribution of 1930′s	
6	106/10/23～ 106/10/29	I-1930 and Beyond-Germany, France and England	class report
7	106/10/30～ 106/11/05	II-GENIUS LOCI -Europe America- Constructivism and Futurism	
8	106/11/06～ 106/11/12	II-GENIUS LOCI -Europe America-from Mies toward Moneo and Botta	
9	106/11/13～ 106/11/19	II-GENIUS LOCI -▢ Louis Kahn- Peter Zumthor- ▢ Alvaro Siza - Tadao Ando	
10	106/11/20～ 106/11/26	Midterm Exam Week	

11	106/11/27 ~ 106/12/03	II-GENIUS LOCI -Europe America-from Frank Loyd Wright toward Frank Gehry and beyond	class report
12	106/12/04 ~ 106/12/10	II-GENIUS LOCI -Europe America-Coop Himmelblau, Herzog & de Meuron	
13	106/12/11 ~ 106/12/17	III-Interpolation-□ Gerrit Thomas□ Rietveid	
14	106/12/18 ~ 106/12/24	III-Interpolation □ Rem Koolhaas-□ Santiago Calatrava	site visit to taipei art center
15	106/12/25 ~ 106/12/31	III-Interpolation □ Neutelinqs & □ Riedijk Mecanoo	
16	107/01/01 ~ 107/01/07	III-Interpolation □ Gaudi to Zaha Hadid-	class report
17	107/01/08 ~ 107/01/14	III-Interpolation □Makoto Sei Watanabe and Enric Miralles	
18	107/01/15 ~ 107/01/21	Final Exam Week	

Requirement	must have basic understanding of architecture history
Teaching Facility	Computer, Projector
Textbook(s)	Kenneth Frampton, Modern Architecture, A Critical History, Manfredo Tafuri, Architecture and Utopia: Design and Capitalist Development
Reference(s)	
Number of Assignment(s)	2 (Filled in by assignment instructor only)
Grading Policy	◆ Attendance： 25.0 % ◆ Mark of Usual：25.0 % ◆ Midterm Exam： 25.0 % ◆ Final Exam： 25.0 % ◆ Other〈 〉： %
Note	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 . **※Unauthorized photocopying is illegal. Using original textbooks is advised. It is a crime to improperly photocopy others' publications.**