

## Tamkang University Academic Year 103, 1st Semester Course Syllabus

Course Title	ARCHITECTURAL DESIGN (V)	Instructor	HIDEKI HIRAHARA
Course Class	TEAXB5D DEPARTMENT OF ARCHITECTURE, 5D	Details	<ul style="list-style-type: none"> <li>◆ Required</li> <li>◆ 1st Semester</li> <li>◆ 4 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

- 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).

### 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

- 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	Thinking students to have the design issues thinking: design problem solving and creation abilities under the fully independent study teaching as a design thesis course requirement needs.
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**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	Training students to have architecture design issues logical thinking abilities.	C6	ABEFH
2	Training students to have architecture design problem solving abilities.	A6	ABDEGH

**Teaching Objectives, Teaching Methods and Assessment**

No.	Teaching Objectives	Teaching Methods	Assessment
1	Training students to have architecture design issues logical thinking abilities.	Discussion	評圖

2	Training students to have architecture design problem solving abilities.	Discussion	評圖
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	103/09/15 ~ 103/09/21	開學/個別授課討論	
2	103/09/22 ~ 103/09/28	發第一次設計題目/畢業設計題目討論	
3	103/09/29 ~ 103/10/05	小組討論/畢業設計討論上課	
4	103/10/06 ~ 103/10/12	小組討論/畢業設計討論上課	
5	103/10/13 ~ 103/10/19	小組討論/畢業設計討論上課	
6	103/10/20 ~ 103/10/26	小組討論/畢業設計討論上課	
7	103/10/27 ~ 103/11/02	小組討論/畢業設計討論上課	
8	103/11/03 ~ 103/11/09	小組討論/畢業設計討論上課	
9	103/11/10 ~ 103/11/16	小組討論/畢業設計討論上課/期中正評	
10	103/11/17 ~ 103/11/23	Midterm Exam Week	
11	103/11/24 ~ 103/11/30	小組討論	

12	103/12/01 ~ 103/12/07	小組討論	
13	103/12/08 ~ 103/12/14	小組討論/畢業設計評題	
14	103/12/15 ~ 103/12/21	小組討論	
15	103/12/22 ~ 103/12/28	小組討論	
16	103/12/29 ~ 104/01/04	小組討論	
17	104/01/05 ~ 104/01/11	畢業設計期末分組討論	
18	104/01/12 ~ 104/01/18	Final Exam Week	
Requirement			
Teaching Facility	Projector		
Textbook(s)			
Reference(s)			
Number of Assignment(s)	(Filled in by assignment instructor only)		
Grading Policy	◆ Attendance : 10.0 %   ◆ Mark of Usual :   %   ◆ Midterm Exam :   % ◆ Final Exam :   % ◆ Other 〈第一次設計成績40%；畢業設計成績50%〉 : 90.0 %		
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>		