

Tamkang University Academic Year 112, 1st Semester Course Syllabus

Course Title	ARCHITECTURAL DESIGN (IV)	Instructor	HIDEKI HIRAHARA
Course Class	TEAXB4F DEPARTMENT OF ARCHITECTURE, 4F	Details	<ul style="list-style-type: none"> ◆ General Course ◆ Required ◆ 1st Semester
Relevance to SDGs	<p>SDG3 Good health and well-being for people</p> <p>SDG11 Sustainable cities and communities</p>		
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			
<p>I . Discern and understand current society and trends of development (Knowledge accumulation).</p> <p>II . Training of professionalism (Knowledge implementation).</p> <p style="padding-left: 20px;">1. Learning of professional skills and practice.</p> <p style="padding-left: 20px;">2. Cultivation of a character attending to social justice and public interest for architectural professionalism.</p> <p style="padding-left: 20px;">3. Inspiring creative thinking in environment and architecture design discipline.</p> <p>III . Implementation of inter-disciplinary knowledge and team works (self-educating and growth).</p>			
S u b j e c t 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			
<p>A. Abilities in architectural design, creativities, aesthetics, and cumulating of knowledge for the development of architectural professionalism.(ratio:30.00)</p> <p>B. Competence of logical reasoning and judgment for issue discovering, information gathering, analysis and problem solutions, and integration conceptual thinking into physical forms.(ratio:30.00)</p> <p>C. Understanding and application of fundamental mathematics and science skills.(ratio:5.00)</p> <p>D. Understanding of knowledge from socio-cultural, humanity and psychology disciplines for applications in architectural thinking and problem resolutions.(ratio:5.00)</p> <p>E. Competence in implementation of architectonics, construction, and architectural practices. (ratio:10.00)</p> <p>F. Understanding the functioning of ecological and urban environment and applying in architectural and urban design process.(ratio:5.00)</p> <p>G. Application of information technology for creative works and enhancing communication ability.(ratio:5.00)</p>			

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.(ratio:10.00)

Subject Schoolwide essential virtues

1. A global perspective. (ratio:10.00)
2. Information literacy. (ratio:20.00)
3. A vision for the future. (ratio:20.00)
4. Moral integrity. (ratio:5.00)
5. Independent thinking. (ratio:30.00)
6. A cheerful attitude and healthy lifestyle. (ratio:5.00)
7. A spirit of teamwork and dedication. (ratio:5.00)
8. A sense of aesthetic appreciation. (ratio:5.00)

Course Introduction

Architectural Design IV is composed of 9 independent studios. The studios are categorized with its own specificity, yet in collaboration with each other. The class tries to construct a continuous spectrum in practicing and exploring the profession, meantime to offer the varieties of exercises that students can choose their preferences as required by individual learning course. However there are two fundamental values shared by each studio: Experimentalism and Professionalism. Reality is our only references while the execution of the above.

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	Being Experimental to the Emerging Living Related Issues	Cognitive
2	Being Logical and Independent in the Process of Research and Design	Affective

3	Being Masterful to Necessary Tools for Needed Disciplines			Psychomotor
The correspondences of teaching objectives : core competences, essential virtues, teaching methods, and assessment				
No.	Core Competences	Essential Virtues	Teaching Methods	Assessment
1	ABCDEFGH	12345678	Lecture, Discussion, Publication, Practicum, Experience, Imitation	Study Assignments, Discussion(including classroom and online), Practicum, Report(including oral and written), Activity Participation
2	ABCDEFGH	12345678	Lecture, Discussion, Publication, Practicum, Experience, Imitation	Study Assignments, Discussion(including classroom and online), Practicum, Report(including oral and written), Activity Participation
3	ABCDEFGH	12345678	Lecture, Discussion, Publication, Practicum, Experience, Imitation	Study Assignments, Discussion(including classroom and online), Practicum, Report(including oral and written), Activity Participation
Course Schedule				
Week	Date	Course Contents		Note
1	112/09/11~ 112/09/17	Grouping Teaching		
2	112/09/18~ 112/09/24	Grouping Teaching		
3	112/09/25~ 112/10/01	Grouping Teaching		
4	112/10/02~ 112/10/08	Grouping Teaching		
5	112/10/09~ 112/10/15	Grouping Teaching		
6	112/10/16~ 112/10/22	Grouping Teaching		
7	112/10/23~ 112/10/29	Grouping Teaching		
8	112/10/30~ 112/11/05	Grouping Teaching		
9	112/11/06~ 112/11/12	Midterm Exam Week		
10	112/11/13~ 112/11/19	Grouping Teaching		
11	112/11/20~ 112/11/26	Grouping Teaching		

12	112/11/27 ~ 112/12/03	Grouping Teaching	
13	112/12/04 ~ 112/12/10	Grouping Teaching	
14	112/12/11 ~ 112/12/17	Grouping Teaching	
15	112/12/18 ~ 112/12/24	Grouping Teaching	
16	112/12/25 ~ 112/12/31	Grouping Teaching	
17	113/01/01 ~ 113/01/07	Final Exam Week	
18	113/01/08 ~ 113/01/14	Flex week, learning activities should be arranged.	
Key capabilities	self-directed learning Problem solving Interdisciplinary		
Interdisciplinary	In addition to teaching content of the teacher's professional field, integrate other subjects or invite experts and scholars in other fields to share knowledge or teaching		
Distinctive teaching	Project implementation course		
Course Content	Gender Equality Education Logical Thinking Environmental Safety		
Requirement			
Textbooks and Teaching Materials	Self-made teaching materials:Presentations Using teaching materials from other writers:Presentations, Handouts		
References	Notation		
Grading Policy	◆ Attendance : 5.0 % ◆ Mark of Usual : 10.0 % ◆ Midterm Exam : 40.0 % ◆ Final Exam : 45.0 % ◆ Other < > : %		

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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