

Tamkang University Academic Year 114, 1st Semester Course Syllabus

Course Title	ARCHITECTURAL DESIGN (I)	Instructor	PAI CHING CHU
Course Class	TEAXB1G DEPARTMENT OF ARCHITECTURE, 1G	Details	◆ General Course ◆ Required ◆ 1st Semester ◆ 4 Credits
Relevance to SDGs	SDG1 No poverty SDG3 Good health and well-being for people SDG4 Quality education SDG11 Sustainable cities and communities		
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).			
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			
A. Develop professional competencies in architectural design, creativity, aesthetics, and related knowledge.(ratio:20.00) B. Cultivate clear logical and analytical thinking to identify, collect, analyze, and resolve architectural issues, integrating design concepts into spatial and formal solutions. (ratio:20.00) C. Understand and apply fundamental mathematics and scientific technologies in architectural planning and practice.(ratio:10.00) D. Possess knowledge in social sciences, humanities, psychology, and environmental sciences, and apply it to address architectural problems.(ratio:5.00) E. Acquire skills in hands-on making, construction, building, and practical implementation. (ratio:20.00) F. Understand the fundamentals of ecosystems and urban environments, and apply them to architectural and urban design with a focus on sustainable development.(ratio:5.00) G. Apply information technology and digital ethics to create and communicate effectively. (ratio:5.00)			

H. Demonstrate skills in project management, effective communication, and teamwork; understand professional ethics and the social responsibility of architects; care about current issues, promote social well-being, and strengthen global awareness.(ratio:15.00)		
Subject Schoolwide essential virtues		
1. A global perspective. (ratio:10.00) 2. Information literacy. (ratio:5.00) 3. A vision for the future. (ratio:25.00) 4. Moral integrity. (ratio:5.00) 5. Independent thinking. (ratio:15.00) 6. A cheerful attitude and healthy lifestyle. (ratio:5.00) 7. A spirit of teamwork and dedication. (ratio:10.00) 8. A sense of aesthetic appreciation. (ratio:25.00)		
Course Introduction	As an introduction to design, this freshmen design studio progresses through a series of small design projects with specific objectives. It begins from abstract form making to larger project engaging the body, i.e. furniture design, to finally more complex project concerning with the issue of a site, i.e. building and the environment. Students will learn to present design concepts with various kinds of tools and material.	
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	Students will learn to do basic design.Students will learn how to do architectural drawings, so they could present design ideas professionallyStudents will learn model making, so they could develop three-dimensional concepts for design projectsStudents will learn how to think abstractly, and represent ideas with drawings and modelsStudents will learn to observe environment to find possibilities for design projects.	Cognitive
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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, Practicum, Experience	Study Assignments, Discussion(including classroom and online), Practicum, Report(including oral and written), Activity Participation

Course Schedule

Week	Date	Course Contents	Note
1	114/09/15 ~ 114/09/21	設計主題1-1	
2	114/09/22 ~ 114/09/28	設計主題1-2	
3	114/09/29 ~ 114/10/05	設計主題1-3	
4	114/10/06 ~ 114/10/12	設計主題1-4 正評, 設計主題2-1	
5	114/10/13 ~ 114/10/19	設計主題2-2	
6	114/10/20 ~ 114/10/26	設計主題2-3	
7	114/10/27 ~ 114/11/02	設計主題2-4 正評 · 設計主題3-1	
8	114/11/03 ~ 114/11/09	設計主題3-2	
9	114/11/10 ~ 114/11/16	Midterm Exam/Midterm Assessment Week (teachers can adjust the week as needed)	
10	114/11/17 ~ 114/11/23	設計主題3-3 正評	
11	114/11/24 ~ 114/11/30	設計主題4-1	
12	114/12/01 ~ 114/12/07	設計主題4-2	
13	114/12/08 ~ 114/12/14	設計主題4-3	
14	114/12/15 ~ 114/12/21	設計主題4-4 正評	

15	114/12/22 ~ 114/12/28	設計主題5-1	
16	114/12/29 ~ 115/01/04	Final Week of Diverse Assessments	
17	115/01/05 ~ 115/01/11	Final Week of Diverse Assessments/Flexible Teaching Week for Teachers	
18	115/01/12 ~ 115/01/18	Flexible Teaching Week for Teachers	
Key capabilities	self-directed learning Humanistic Caring Problem solving		
Interdisciplinary	Competency-based education 'competency exploration' sustained competency or global issues STEEP (Society, Technology, Economy, Environment, and Politics)		
Distinctive teaching	USR curriculum Project implementation course		
Course Content	Logical Thinking Environmental Safety		
Requirement			
Textbooks and Teaching Materials	Self-made teaching materials:Textbooks, Presentations, Worksheets		
References			
Grading Policy	◆ Attendance : % ◆ Mark of Usual : 20.0 % ◆ Midterm Exam : 40.0 % ◆ Final Exam : 40.0 % ◆ Other < > : %		
Note	This syllabus may be uploaded at the website of Course Syllabus Management System at https://web2.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 . ※"Adhere to the concept of intellectual property rights" and "Do not illegally photocopy, download, or distribute." Using original textbooks is advised. It is a crime to improperly photocopy others' publications.		