Tamkang University Academic Year 111, 1st Semester Course Syllabus

Course Title	Title ARCHITECTURAL DESIGN (IV)		HSIAO, CHI-FU				
Course Class	TEAXB4I DEPARTMENT OF ARCHITECTURE, 4I	Details	 General Course Required 1st Semester 				
Relevance to SDGs	SDG11 Sustainable cities and communities						
	Departmental Aim of Education						
	n and understand current society and trends of development (Ki ulation).	nowledge					
	g of professionalism (Knowledge implementation).						
1. Learni	ng of professional skills and practice.						
	2. Cultivation of a character attending to social justice and public interest for architectural professionalism.						
3. Inspiri	ng creative thinking in environment and architecture design dis	cipline.					
Ⅲ. Implen growth	nentation of inter-disciplinary knowledge and team works (self- ı).	educating and					
	Subject Departmental core competence	es					
	A. Abilities in architectural design, creativities, aesthetics, and cumulating of knowledge for the development of architectural professionalism.(ratio:30.00)						
B. Compet							
gathering, analysis and problem solutions, and integration conceptual thinking into physical forms.(ratio:30.00)							
C. Underst	. Understanding and application of fundamental mathematics and science skills.(ratio:5.00)						
	Understanding of knowledge from socio-cultural, humanity and psychology disciplines for applications in architectural thinking and problem resolutions.(ratio:5.00)						
	6. Application of information technology for creative works and enhancing communication ability.(ratio:5.00)						

 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	lobal perspective. (ratio:10.00)					
2. In	ormation literacy. (ratio:20.00)					
3. A	ision for the future. (ratio:20.00)					
4. M	ral integrity. (ratio:5.00)					
5. In	ependent thinking. (ratio:30.00)					
6. A	heerful attitude and healthy lifestyle. (ratio:5.00)					
7. A	pirit of teamwork and dedication. (ratio:5.00)					
8. A	ense of aesthetic appreciation. (ratio:5.00)					
Cours Introduc		Irse				
domains o	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 applyi	applying information technology into architectural design Cognitive					
	2 the practices of applying information technology into architectural design					

	The c	orrespond	ences of teaching objectives	: : core competences, essential virtues, teaching	methods, and assessment			
No.	Core Compet	ences	Essential Virtues	Teaching Methods	Assessment			
1			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	Discussion, Publication, Practicum, Experience, Imitation	Study Assignments, Discussion(including classroom and online), Practicum, Report(including oral and written)			
	Course Schedule							
Week	Date	Course Contents			Note			
1	111/09/05~ 111/09/11	課程介約	招與分組:設計題目說明					
2	111/09/12~ 111/09/18	概念討論						
3	111/09/19~ 111/09/25	草圖						
4	111/09/26~ 111/10/02	電腦概念模型(一)						
5	111/10/03 ~ 111/10/09	電腦概念模型(二)						
6	111/10/10~ 111/10/16	參數化資訊模型整合(一)						
7	111/10/17 ~ 111/10/23	參數化資訊模型整合(二)						
8	111/10/24~ 111/10/30	期中正評Mid-review						
9	111/10/31~ 111/11/06	作品集	作品集期中整合					
10	111/11/07~ 111/11/13	Midterm Exam Week						
11	111/11/14 ~ 111/11/20	設計概念模型(一)						
12	111/11/21~ 111/11/27	設計概念模型(二)						
13	111/11/28~ 111/12/04	設計概念模型(三)						
14	111/12/05~ 111/12/11	正草圖						
15	111/12/12 ~ 111/12/18	正圖						
16	111/12/19~ 111/12/25	期末評問						

17	111/12/26~ 112/01/01	作品集				
18	112/01/02 ~ 112/01/08	Final Exam Week				
Requirement						
Teaching Facility Computer, Projector						
	Textbooks and Teaching Materials					
R	ReferencesThe Experience of 2020 Will Initiate Long-Awaited Growth In Enterprise Augmented, Mixed, And Virtual Reality, 2020, Forester report. Benedikt Gross, Hartmut Bohnacker, Julia Laub and Claudius Lazzeroni. Generative Design. 2018, Princeton Architectural Press.					
	lumber of signment(s)	(Filled in by assignment instructor only)				
	Grading Policy ◆ Attendance: 10.0 % ◆ Mark of Usual: 10.0 % ◆ Midterm Exam: 30.0 % ◆ Final Exam: 50.0 % ◆ Other < >: %					
	Note	This syllabus may be uploaded at the website of Course Syllabus Management System at <u>http://info.ais.tku.edu.tw/csp</u> or through the link of Course Syllabus Upload posted on the home page of TKU Office of Academic Affairs at <u>http://www.acad.tku.edu.tw/CS/main.php</u> . ※ Unauthorized photocopying is illegal. Using original textbooks is advised. It is a crime to improperly photocopy others' publications.				
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