

## Tamkang University Academic Year 107, 2nd Semester Course Syllabus

Course Title	ARCHITECTURE IN ENGLISH(I)	Instructor	LIU CHI-WEN
Course Class	TEAXB4A DEPARTMENT OF ARCHITECTURE, 4A	Details	<ul style="list-style-type: none"> <li>◆ Selective</li> <li>◆ One Semester</li> <li>◆ 2 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	<p>The purpose of this course is to enhance students' English language abilities in architecture professionalism. Class contents include (1) vocabulary learning and sentence application, (2) article reading and short writing, and (3) oral presentation and discussion. All classes will be conducted in English to increase learning intensity and the language proficiency.</p> <p>course are focused on communication for formal architectural presentations, including both oral and documentation forms. All classes will be conducted in English to increase learning intensity and the language proficiency.</p>
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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-Characterizing, 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	The purpose of this course is to enhance students' English language abilities in architecture professionalism. Contents of the course are focused on communication for formal architectural presentations, including both oral and documentation forms. All classes will be conducted in English to increase learning intensity and the language proficiency.	P3	ABDEFGH
2	to enhance English communication ability in architectural professionalism	P3	ABDEFGH
3	1. To enhance students' English proficiency in describing architecture and design thoughts. 2. To understand building techtonics in English	C3	ABDEFGH

4	1 To enhance students' English proficiency in architecture articulation. 2 To understand architectonic	C3	ABDEFGH
5	To enhance students' English proficiency in architectural articulation To understand architectonic	C2	ABDEFGH
6	To enhance students' English proficiency in architectural articulation To understand architectonic	C2	ABDEFGH

**Teaching Objectives, Teaching Methods and Assessment**

No.	Teaching Objectives	Teaching Methods	Assessment
1	The purpose of this course is to enhance students' English language abilities in architecture professionalism. Contents of the course are focused on communication for formal architectural presentations, including both oral and documentation forms. All classes will be conducted in English to increase learning intensity and the language proficiency.	Lecture, Discussion, Practicum	Report, attendance
2	to enhance English communication ability in architectural professionalism	Lecture, Discussion, Simulation	Report, Participation, 出席率
3	1. To enhance students' English proficiency in describing architecture and design thoughts. 2. To understand building techtonics in English	Lecture, Discussion	Report, Participation
4	1 To enhance students' English proficiency in architecture articulation. 2 To understand architectonic	Lecture, Discussion	Report, Participation
5	To enhance students' English proficiency in architectural articulation To understand architectonic	Lecture, Discussion, Appreciation	Report, Participation

6	To enhance students' English proficiency in architectural articulation To understand architectonic	Lecture, Discussion, Appreciation	Report, Participation
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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	108/02/18 ~ 108/02/24	Course introduction	
2	108/02/25 ~ 108/03/03	Description of architecture: terms for building elements(1)	
3	108/03/04 ~ 108/03/10	Description of architecture: terms for building elements(2)	
4	108/03/11 ~ 108/03/17	Description of architecture: terms for building elements(3)	
5	108/03/18 ~ 108/03/24	Case Study Oral presentation (1)	
6	108/03/25 ~ 108/03/31	Description of architecture: architectonic (1)	
7	108/04/01 ~ 108/04/07	Spring break, no class	
8	108/04/08 ~ 108/04/14	Description of architecture: architectonic (2)	
9	108/04/15 ~ 108/04/21	Description of architecture: architectonic (3)	

10	108/04/22 ~ 108/04/28	Midterm Exam Week	
11	108/04/29 ~ 108/05/05	Case Study Oral presentation (2) on architectonic	
12	108/05/06 ~ 108/05/12	Architectural construction (1) : Foundation system	
13	108/05/13 ~ 108/05/19	Architectural construction (2) : Wall system	
14	108/05/20 ~ 108/05/26	Architectural Construction(3): Doors and windows	
15	108/05/27 ~ 108/06/02	Architectural Construction(4): Finish Work	
16	108/06/03 ~ 108/06/09	Case study Oral Presentation (3-1)	
17	108/06/10 ~ 108/06/16	Case study Oral Presentation (3-2)	
18	108/06/17 ~ 108/06/23	Final Exam Week	
Requirement	All students are required to have completed the general mandatory English course offered by the university, and the fourth year design studio course. Exceptions may be accepted if only permitted by the instructor.		
Teaching Facility	Computer, Projector		
Textbook(s)	Elements Of Architectural Design, A Visual Resource; by Ernest Burden, 1995, Van Nostrand Reinhold, New York Building Construction Illustrated, 4th Edition; by Francis Ching, 2008		
Reference(s)	1. A Visual Dictionary Of Architecture, by Francis Ching, 1995, John Wiley & Sons; 2 Theoretical Anxiety And Design Strategies, by Rafael Moneo, 2004, MIT Press		
Number of Assignment(s)	(Filled in by assignment instructor only)		
Grading Policy	◆ Attendance : 20.0 %   ◆ Mark of Usual : 20.0 %   ◆ Midterm Exam : % ◆ Final Exam : % ◆ Other < 3 presentations > : 60.0 %		
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>		