

**Assumption University**  
**Montfort Del Rosario School of Architecture and Design**  
**Semester 1 – 2018**

Course Number: AR 2202- Architectural Design I 6 (2 – 8)  
Section 401-404: Monday and Thursday 12:30 – 17:30 hrs.  
Room: AR 0701/0801  
Instructors: A. Tanakorn Meennuch (AR 401) (Course Coordinator)  
A. Nattapol Suphawong (AR 402)  
A. Preeyaporn Pumhiran (AR 403) (Part-time Lecturer)  
A. Phimphakanit Parisanyutanon (AR 404)

Coordinator: A. Tanakorn M. E-mail : tanakornmnn@gmail.com

Pre-requisite: AR 1104 Fundamental of Architectural Design

**Course Description:** This architectural introductory course, intimate-scale design problems dealing with space, measure, structure, site, tectonics, program, and habitation, poetic meaning, human needs and the interaction of persons with the natural and built environment.

**Course Objective:** Upon completion of this class, the students should be able to demonstrate some understanding and improvement in:

- (1) to introduce basic knowledge and experience in practicing as a professional designer
- (2) to aware, educate and incept a basic moral and ethical perception toward making any decision in relate to architectural discipline and professional
- (3) to educate a foundation and basic principal in applying critical and creative thinking with architectural design
- (4) to practice in applying knowledge in reading two dimensional information and abstract thinking and synthesizing with given problems and constraints in simulated reality
- (5) to learn how to apply discipline and order in managing design process
- (6) to practice in using research as a tool in making design decision

**Course Outline:** Monday, August – December, 2018

Architectural design studio for 2<sup>nd</sup> year 1<sup>st</sup> semester is emphasized on the issues of the conceptual in architectural design and small scale architectural project. There are tow main projects which the students need to participate. There are also two project assignments by emphasizing creativity, collaboration, and critical thinking.

Project I—The Insertion, students will be asked to study on architectual context that is inspired by an image of the physical elements and experimental processes to capture the essences of that chosen two-dimensional image and transform into the architectural context. Then, students will be ased to propose and design dwelling spaces into the context. The expected outcome is the “exploration and result” process of each student that shall reflect their individual rational, analytical and synthesized thinking in design.

Project II—Live & Learn, students will be asked to design a house and extension space for the extra activity of the given users.

High quality architectural drawing and presentation is expected; students are required to present their designs in an appropriate model making and architectural standard graphics: plans, sections, elevations, perspectives, and other exceptable techniques.

**Schedules:**

- Week # 1:** *Mon, 6/Aug/2018*  
Course introduction. Dividing groups.  
1<sup>st</sup> Project discussion  
Assignment I  
*Thu, 9/Aug/2018*  
Desk critiques
- Week # 2:** *Mon, 13/Aug/2018*  
----NO CLASS---  
*Thu, 16/Aug/2018*  
Desk critiques
- Week # 3:** *Mon, 20/Aug/2018*  
Studio Lecture I  
Desk critiques  
*Thu, 23/Aug/2018*  
Desk critiques
- Week # 4:** *Mon, 27/Aug/2018*  
Desk critiques  
*Thu, 30/Aug/2018*  
\*\*\*Project I mid review\*\*\*
- Week # 5:** *Mon, 3/Sep/2018*  
Studio Lecture II  
*Thu, 6/Sep/208*  
Desk critiques
- Week # 6:** *Mon, 10/Sep/2018*  
Desk critiques  
*Thu, 13/Sep/2018*  
Desk critiques
- Week # 7:** *Mon, 17/Sep/2018*  
Desk critiques  
*Thu, 20/Sep/2018*  
Design development
- Week # 8:** *Mon, 24/Sep/2018*  
Project I Final Presentation  
  
.....Mid-term Examination.....
- Week # 9:** *Mon, 8/Oct/2018*  
Project II Introduction  
Lecture III  
*Thu, 11/Oct/2018*  
Studio Field Trip  
Assignment II
- Week # 10:** *Mon, 15/Oct/2018*  
----NO CLASS---  
*Thu, 18/Oct/2018*  
Desk critiques
- Week # 11:** *Mon, 22/Oct/2018*

Desk critiques  
*Thu, 25/Oct/2018*  
Desk critiques

**Week # 12:** *Mon, 29/Oct/2018*  
Desk critiques  
*Thu, 1/Nov/2018*  
Desk critiques

**Week # 13:** *Mon, 5/Nov/2018*  
\*\*\*Project II mid review\*\*\*  
*Thu, 8/Nov/2018*  
Desk critiques

**Week # 14:** *Mon, 12/Nov/2018*  
Studio Lecture IV  
Desk critiques  
*Thu, 15/Nov/2018*  
Desk critiques

**Week # 15:** *Mon, 19/Nov/2018*  
Desk critiques  
*Thu, 22-26/Nov/2018*  
Design Production

**Week # 16:** *Thu 29/Nov/2018*  
Final Presentation

.....Final Examination.....

**Score Requirement:**

According to the University grading system, the significance of grades is  
A = superior ; A- = excellent ; B+ = very good ; B = good ; B- = fair ; C = acceptable ; D =  
Minimum ; and F = inadequate. For grading purposes, the value of each part will be as follows:

1. Assignments	10%
2. Attendance	5%
3. Design Project	
3.1 Project I	40 %
3.2 Project II	45 %
total	<u>100 %</u>

**NOTE:** In order to pass the course, a grade of “C” or better is required.

**Reference texts, Resources, and Materials:**

**Recommended:**

- Eenst Neufert, Architect’s data; Halsted press, John Wiley&sons, Inc., New York
- Roger Clack, Michael Pause; Precedent in Architecture; Van Nostrand Reinhold, New York
- Karen A. Franck, Lynda H. Scheekloth; Ordering space, Types in Architecture and Design; Van Nostrand Reinhold, New York

- Bernard Leupen, Christopher Grafe, Nicola Kornig, Marfc Lampe, Peter de Zeeuw; Design and Analysis; Van Nostrand Reinhold, New York
- Thomas Barrie; Spiritual Path, Sacred Place in Architecture; Shambhala, Boston & London 1996
- Ching, Francis D.K., *“Building Construction Illustrated”*, Van Nostrand Reinhold.
- Ching, Francis D.K., Barry S. Onouye, Douglas Zuberbuhler, *“Building Structures Illustrated: Patterns, Systems, and Design”*, John Weily & Sons, Inc., 2009.

**Attendance** The Studio is scheduled on Monday and Thursday from 12:30-17:30. Being on time is considered extremely critical. Students are required to be in studio during all regularly scheduled studio hours. Whether or not there is a class activity (lecture, discussion, etc.) or a desk critique, you are expected to be using that time to work on your project in studio. All students are expected to attend all schedule classes, and **can only be absented 4 times** for the entire semester. However, if any students absent classes 4 times, they will receive zero marks for attendance (each absent cost 1.25%). Doctor’s certificate for sickness can only be allowed 1 time. If students arrive at studio later than 15 minutes after the classes commend, they will be considered late for those sessions (3 late = 1 absent), and if they arrive 30 minutes after the classes commend, they will be checked as absent.

**Preparation** A sign-up list will be maintained for desk critiques. During each design project, you will be given progress assignments. You are expected to complete the assignment(s) for your desk critic. Your instructors may alter the order of the sign-up list if assignments are not complete when arriving at your desk.

**Project Review** Attendance at all reviews is required to pass studio. You are expected to be in the review room from the beginning to the end. If a serious emergency prevents you from attending a review, please call architecture department or your instructors prior to class time. All presentations will be treated as examinations. Therefore, if any students are late for their pin-up, they will not be allowed to present their works, and will consequently receive zero mark for that particular presentation.

**Assignment** During the course of studio, there will be assignments to help students develop alertness and wit in decision-making and sketching, presentation skills.

**Presentation** TBA

**Note:**

- On the “I” condition, the “C” grade will be the maximum when the proposed project has been completed.
- Procrastination is not an acceptable excuse for missing a deadline, and instructor will not answer any question about a project within 48 hours of its original due date.

## **Cheating and Plagiarism**

The School will not tolerate any form of academic dishonesty. “Academic Dishonesty” shall be understood to encompass at least the following:

**Cheating** -- whether on tests or on other course assignments, whether by the giving, receiving or taking of information.

**Plagiarism** -- stealing and/or passing off as one’s own the ideas or words of another; using without crediting the source. It includes: (1) copying of text/research/assignments; (2) using someone else’s

papers/research/assignments without permission and citation; (3) representing as one's own work what is really the work of another person. This includes downloading from web sources.

Academic dishonesty also applies to studio- and project-based courses. Copying and/or stealing someone else's design idea/product is also considered a violation of this policy and will result in equivalent penalization.

**Penalties:**

1. A student determined to be cheating on any test or who plagiarizes on a course assignment will be appropriately penalized at the *discretion of the instructor*. This may include receiving a zero on the assignment or "F" for the course.
2. A student who has cheated or plagiarized will be sent to the department committee in order to be reported to the University committee for further disciplinary and academic action. This can result in suspension or expulsion from the University.

***Last day for late registration and to withdraw with 50% fee refund : Monday 20 Aug, 2018***  
***Last day to withdraw with "W" : Friday 16 Nov, 2018***