

Assumption University
Montfort del Rosario School of Architecture and Design
Semester 2 – 2017

Course Number: AR 2204- Architectural Design II 6 (2 – 8)
Section 401-406: Monday and Thursday 12:00 – 17:00 hrs.
Room: AR 0701/0801
Instructors: A. Karan Paibullert 450330 (AR 401) (Course Coordinator)
A. Tanakorn Meennuch 450171 (AR 402)
A. Nattapol Suphawong 450172 (AR 403)
A. Noramon Bodhidatta 550103 (AR 404)
A. Preeyaporn Phumhirun 590016 (AR 405) (Part time)
A. Tanet Chantaket 550102 (AR 406)

Coordinator: A. Karan Paibullert E-mail : ajarnbig@gmail.com

Pre-requisite: AR 2202- Architectural Design I

Course Description: Continuation of practice from Architectural Design I, broader architectural dimensions, multi-user private and small-scale public design problems, how architecture fits contextually into existing circumstances, and how poetic meanings relate to built forms, analysis of existing places and synthesis incorporating the more complex multi-dimensions of architectural environments.

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, Jan 8th, 2018 – Thursday, May 10th, 2018

Architectural design studio for 2nd year 2nd semester is emphasized on the issues of multi-user private and small-scale public design problems. There are two main projects which the students need to participate. There are also two assignments by emphasizing creativity, collaboration, and critical thinking.

Project I:

In Project I, students will explore the multiple functions and activities of the multi-unit residential building and establish design relationship between the different users and functional requirements. Students will also learn the basics of site planning and site analysis. Students will concern about local law and regulations as well as coordination of existing context. This proposed multi-unit residential project does not need to concern about construction budget or sales and marketing issues but constructed building scale from inside to outside and from architecture to context.

Programs and Requirements

Students will design a **family-owned guest house by the seaside in Bang Saen**. This will include the family residence, guest house units, staff's quarter, and shared public spaces. Students are encouraged to

propose a *specific activity or unique facility* for the guests within the scope of the following program requirements and in relation to the site and user analysis.

Requirements –

- Guest house
 - 1 King Bed [2 persons] x 2 units
 - 2 Twin Beds [2 persons] x 2 units
 - Family Suite (2 Bedrooms + Living)[4 persons] x 1 unit
- ** All units include ensuite bathrooms.
- Family residence [2 persons / husband and wife]
 - Master bedroom + bathroom
 - Living area
- Staff's quarter [2 staffs]
- Public and supporting zone
 - Reception and office
 - Restaurant, bar, café
 - Kitchen
 - Public restrooms
 - Common shared space / activity area
 - Back of house, storage, and service
 - Garden, pool, pond, terrace, outdoor space
 - Parking [6 cars]

Objective of Project I:

1. Understanding and learning space design and functional programming of a multi-unit residence.
2. Understanding and practicing site study as well as site analysis as architectural design's concern and applying it to site planning and design.
3. Studying and applying building law and regulations in the design process.
4. Understanding and applying design in coordination of building and context.

Project II:: TBA

In connection with the project I, students will have to design a small commercial/public building as an extension of the previous proposal at the same site location. 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.

Week # 1: Mon, 8/Jan/2018

Course introduction
Assignment I: Vertical Project

Thu, 11/Jan/2018

Project I introduction. Dividing groups.
Assignment I (Cont.)

Week # 2: Mon, 15/Jan/2018

Assignment I: Vertical Project Presentation

Thu, 18/Jan/2018

Site Visit

- Week # 3:

Mon, 22/Jan/2018

Studio Lecture I

Desk critiques

Thu, 25/Jan/2018

Desk critiques
- Week # 4:

Mon, 29/Jan/2018

Studio Lecture II

Desk critiques

Thu, 1/Feb/2018

Desk critiques
- Week # 5:

Mon, 5/Feb/2018

Studio Lecture III

Desk critiques

Thu, 8/Feb/2018

Project I 1st review
- Week # 6:

Mon, 12/Feb/2018

Studio Lecture IV

Thu, 15/Feb/2018

Desk critiques
- Week # 7:

Mon, 19/Feb/2018

Desk critiques

Thu, 22/Feb/2018

Desk critiques
- Week # 8:

Mon, 26/Feb/2018

Project I Final Presentation

Thu, 1/Mar/2018

HOLIDAY-NO CLASS

.....Mid-term Examination.....
- Week # 9:

Thu, 15/Mar/2018

Project II Introduction
- Week # 10:

Mon, 19/Mar/2018

Studio Lecture V

Desk critiques

Thu, 22/Mar/2018

Desk critiques
- Week # 11:

Mon, 26/Mar/2018

Studio Lecture VI

Desk critiques

Thu, 29/Mar/2018

Desk critiques
- Week # 12:

Mon, 2/Apr/2018

Desk critiques

Thu, 5/Apr/2018

Desk critiques

Week # 13: Mon, 9/Apr/2018
Desk critiques
Thu, 13/Apr/2018
Project II mid review

Week # 14: Mon, 16/Apr/2018
HOLIDAY-NO CLASS
Thu, 19/Apr/2018
Desk critiques

Week # 15: Mon, 23/Apr/2018
Desk critiques
Thu, 26/Apr/2018
Desk critiques

Week # 16: Mon, 30/Apr/2018
Design development
Thu, 3/May/2018
Design development

Final Presentation Thu, 10/May/2018

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

Reference texts, Resources, and Materials:

- Recommended:
- EenstNeufert, 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

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.

Last day to withdraw with "W" : Monday, 3rd May, 2018