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

Course Number: AR 1104 – Fundamental of Architectural Design 3 (1 - 4)  
Section AR 401-405: Tuesday 12:00 - 16:00  
Section IN 421-422: Friday 12:00 - 16:00  
Instructor:  
A. Prima Viriyavadhana 440318 (AR 401) (Course Coordinator)  
A. Nattapol Suphawong 450172 (AR 402)  
A. Vittvat Charoenpong 570061 (AR 403)  
A. Ladapan Chokchaiyakul 590114 (AR 404)  
A. Tanet Chantaket 550102 (AR 405)  
A. Worawan Talodsuk 450303 (IN 421)  
A. Prap Chaiwattana 580027 (IN 422)

Prerequisite: None

Course Description

The first foundation studio will introduce students to the fundamental knowledge in architectural and design creativity through exploring of two mode of practices; analytical and intuitive operation. The studio will assign series of small exercises to students to manage, manipulate, transform, or solve each particular situation. Students are expected to unfold design potentialities of intentions, concepts, or ideas by using hand-on observation or basic logical analysis. This studio will use architectural drawings and model making, as a tool of investigation, to help students to construct relationship between two-dimensional abstraction of virtual ideas and three-dimensional presences of spatial quality.

Course Outlines (January 2018 – May 2018):

<table>
<thead>
<tr>
<th>Week</th>
<th>Topics</th>
<th>No. of Hours</th>
<th>Teaching &amp; Learning Activities, Instructional Media (If any)</th>
<th>Faculty Member(s)</th>
</tr>
</thead>
</table>
| 1    | 9, 12 Jan 18  
Introduction to Architectural Design  
Vertical Project discussion | 2  
- Lecture: Power point presentation | A. Prima Viriyavadhana  
A. Nattapol Suphawong |  |
| 2    | 16, 19 Jan 18  
Vertical Project discussion  
Learning from Paintings I  
Assignment #1.1: 2-D Abstract Interpretation | 2  
- Lecture: Power point presentation  
- Images of contemporary paintings | A. Prima Viriyavadhana  
A. Nattapol Suphawong |  |
| 3    | 23, 26 Jan 18  
Basic Elements in Architecture Portfolio Making  
Review of ASSM#1 (6 composition of figure & ground)  
Assignment #1.2: 3-D Re-interpretation of the Paintings | 1  
- Lecture: Power point presentation | A. Nattapol Suphawong |  |
| 4    | 30 Jan, 2 Feb 18  
Form, Space, and Spatial I interrelationship | 3  
- Work review | All Instructors |  |
| 5    | 6, 9 Feb 18  
Form, Space, and Spatial II Concept and design development  
Assignment #1.2 (continued) Pin-up, work development | Lecture: Power point presentation | A. Prima Viriyavadhana |  |
| 6    | 13, 16 Feb 18  
Human Scale  
Assignment #2: Activity Spaces | 1  
- Lecture: Power point presentation | A. Tanet Chantaket |  |
|      |        | 3  
- Group discussion, work development, and desk | All Instructors |  |
<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
<th>Activity</th>
<th>Instructor(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>7 Feb 18</td>
<td>Opening &amp; Light</td>
<td>1 - Lecture: Power point presentation</td>
<td>A. Tanet Chantaket</td>
</tr>
<tr>
<td></td>
<td>Assignment #2: Activity Spaces (development)</td>
<td>3 - Physical model</td>
<td>All Instructors</td>
</tr>
<tr>
<td></td>
<td></td>
<td>- Presentation plates</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>- Drawings</td>
<td></td>
</tr>
<tr>
<td>8 Feb 18</td>
<td>Architectural Contexts and Design</td>
<td>- No Lecture</td>
<td>All Instructors</td>
</tr>
<tr>
<td></td>
<td>Mid-term Review of ASSM#1-2</td>
<td>4 - Group discussion</td>
<td>All Instructors</td>
</tr>
<tr>
<td>9 Mar 18</td>
<td>Spatial Organization</td>
<td>1 - Lecture: Power point presentation</td>
<td>A. Vittvat Charoenpong</td>
</tr>
<tr>
<td></td>
<td>Assignment #3: Famous House Analysis</td>
<td>3 - Group discussion, work development, and desk critic</td>
<td>All Instructors</td>
</tr>
<tr>
<td>10 Mar 18</td>
<td>Human &amp; Environment</td>
<td>1 - Lecture: Power point presentation</td>
<td>A. Ladapan Chokchaiyakul</td>
</tr>
<tr>
<td></td>
<td>Assignment #3: Famous House Analysis (continued)</td>
<td>3 - Group discussion, work development, and desk critic</td>
<td>All Instructors</td>
</tr>
<tr>
<td>11 Mar 18</td>
<td>Architectural Path Approach and Entrance</td>
<td>- Lecture: Power point presentation</td>
<td>A. Ladapan Chokchaiyakul</td>
</tr>
<tr>
<td></td>
<td>Assignment #3: Famous House Analysis (continued)</td>
<td>4 Pin-up of the project design development</td>
<td>All Instructors</td>
</tr>
<tr>
<td>12 Apr 18</td>
<td>Basic Structure</td>
<td>1 - Lecture: Power point presentation</td>
<td>A. Vittvat Charoenpong</td>
</tr>
<tr>
<td></td>
<td>Final project: Preliminary Layout</td>
<td>3 - Group discussion, work development, and desk critic</td>
<td>All Instructors</td>
</tr>
<tr>
<td>13 Apr 18</td>
<td>Body-Objects-Spatial Arrangement II</td>
<td>No Lecture</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Final project: Preliminary Layout and model</td>
<td>4 - Group discussion, work development, and desk critic</td>
<td>All Instructors</td>
</tr>
<tr>
<td>14 Apr 18</td>
<td>Body-Objects-Spatial Arrangement III</td>
<td>No Lecture</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Final project: hard lined drawings</td>
<td>4 - Group discussion and desk critic</td>
<td>All Instructors</td>
</tr>
<tr>
<td>15 May 18</td>
<td>Final Project Review</td>
<td>4</td>
<td>All Instructors</td>
</tr>
</tbody>
</table>

**Texts:**
1. Design Fundamentals, Robert G. Scott.
3. Elements of Architecture: from Form to Place, Pierre von Meiss
5. Education of an Architect, The Irwin S. Chanin School of Architecture of Cooper Union.
Score Requirement:
- Work Assignments 40%
- Midterm Exam. 25%
- Final Exam. 30%
- Attendance 5%
Total 100 Percents

Objective:
To promote student’s liberation and creativity in design
To practice analytical, critical, and creative modes of thinking
To familiar with studio teaching and learning culture, explore ideation and design process, experience small construction of design artifacts.
To develop basic architectural skills of perception, drawing and model making
To expand the student’s understanding what Architecture is and what Architects do

Participation and Attendance Policies:
Students are expected active participation to share discussion, understanding, and reflection with instructors and other members in the class. These efforts allow an opportunity for students to learn/benefit from their peers and to promote one’s critical autonomy and creative mind.

Students are responsible for regular and punctual class attendance and should be presented at the studio before the start of class.

- The 80% attendance must be satisfied. (3 absences are the maximum)
- Student who presents at the studio later than 10 minutes of the class start will be considered as LATE (3 lates = 1 absence)
- The university’s dress code is required.

Work Submission and Deadline:
Projects and assignments must due on the date and time stipulated and will not be accepted after the due date. The only exception is when written documentation of personal illness, accident, or death in the immediate family is provided. In these three instances, the project/assignment must be received by instructor or otherwise authorized person during the next 7 days.

Work submitted after 10 minutes of the class start is counted as “Late”. Late assignment/project may not be allowed to present and will be penalized by grade deduction as follows:

<table>
<thead>
<tr>
<th>Time Period</th>
<th>Deduction</th>
</tr>
</thead>
<tbody>
<tr>
<td>10-minute Late and later but within the due date</td>
<td>10% deduction</td>
</tr>
<tr>
<td>Next day of the due date</td>
<td>50% deduction</td>
</tr>
<tr>
<td>After the week of due date</td>
<td>receive a grade of zero</td>
</tr>
</tbody>
</table>

Desk Critique:
- Participation is required. Failing to do so may affect the grade of F.
- Do not attain without any progression on idea and design development.
- Do not slip away after your individual discussion with the instructor. Instead, keep working on your work at your desk.
Studio Space:

- No sleeping. Use the studio for drawing and model making only.
- No paints, thinners, solvents, spray adhesives, plaster, concrete and any toxic media.
- No stain and joke on the blackboard and glass walls.
- Do not move any furniture from one studio to another.
- Keep studio isles free of personal belongings and trash.
- Keep clean, Help out, and Share.

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