

Kuwait University
College of Engineering and Petroleum
Department of Architecture
Architectural Communication (2) - Spring 2009

Course: Architectural Communication (2) - 0690-112-01
Credit hours: 3 credit hours (2-3-3)
Time: Sunday, Tuesday: 10:00-11:50
Place: Building KH 5
Instructor: Dr. Yasser Mahgoub, Room 17, KH 5, O. 2498-7601
Office Hours: Sun, Tuesday, and Thurs 12:00-1:00

COURSE CATALOG DISCRIPTION

Course Catalog Description: Freehand sketching. Architectural black and white rendering using pencil and ink. Rendering in colors (pencil, water, Magic marker and airbrush). Developing perspective views. Architecture presentation. Modeling.

The course continues Architectural Communication 1 efforts to introduce ranges of graphic communication tools, techniques, and conventions designers use to communicate architectural ideas. It covers the following techniques:

- Freehand sketching (using pencil)
- Rendering in black and white (using pencil and ink)
- Advanced architectural presentation techniques (shade and shadow)
- Developing perspective views (entourage)
- Advanced architectural communication techniques.
- Modeling (using paper and balsawood)
- Rendering in colors (using pencil, watercolor, magic-markers and airbrush)

COURSE GOALS

1. Develop students' *ability* to communicate graphics using most of the available architectural representation options and techniques.
2. Help students *understand* the rationale behind the usage of a certain representation technique in a particular situation, and help them appreciate the choice of the right technique under particular circumstances.
3. *Enable* students to communicate their ideas via the appropriate usage of architectural representation techniques.

NAAB CRITERIA

The course fulfils the following National Architectural Accreditation Board (NAAB) requirements:
12.2 Graphic Skills: Ability

STUDENTS RESPONSIBILITIES AND FINAL GRADING

Whilst classwork and homework will be graded and individual performance assessed as the course progresses, the entire portfolio of work will be re-examined by the end of the course. It is, therefore, important that students take care of both their class and home work and where this might be difficult, make sure that they have a complete photographic/photocopy record of their course work. Final grading is based on each student's submission during the course.

The weighing of final course grade is as follows:

Classwork	30%
Homework	20%
Mid Term Exam	10%
Final Term Exam	10%
Final project	20 %
Attendance, Progress and Participation	10%
TOTAL	100%

GRADING

Below 60:	F,	failure, no credit in the course
60 – 69:	D & D+,	lowest passing mark, work of below average quality
70 – 79;	C- , C & C+,	work of average or medium quality
80 – 89;	B-, B & B+,	work distinctly above average
90 – 100:	A- & A,	unusual excellence

REQUIRED TEXTBOOK

- Architectural Drawing: A visual Compendium of types and methods (3rd Ed), by Rendow Yee (John Wiley & Sons, 2007).

RECOMMENDED TEXTBOOKS

- Architectural Graphics (4th Ed), by Francis D.K. Ching (John Wiley & Sons, 2003).
- Fundamentals of Graphics Communication (3rd edition), by Gary Robert Bertoline, Eric N Wiebe, and Craig Miller (McGraw-Hill, 2002).
- Architectural Representation Handbook: traditional and digital techniques for graphic communication, by Paul Laseau (McGraw-Hill, 2000).
- Basic Perspective Drawing: a Visual Approach, by John Montague (John Wiley & Sons, 1998).
- Perspective Drawing (2nd edition), by Kenneth W. Auvil (McGraw-Hill, 1997).

PLAGIARISM

The matter of plagiarism is taken very seriously by the Department of Architecture and by the College. We, therefore, wish to draw students' attention to the fact that any student who submitted work contains the unacknowledged work of another shall be subject to serious academic consequences. The College Council may determine this with regard to the marking of the work, or the entire semester work. Also as determined by the Dean in accordance with the University's Disciplinary Procedures. The same applies to those students using external help to accomplish their submitted project work.

ATTENDANCE

Attendance is expected in all sessions. After 2 missing sessions without acceptable excuse, this will result in student receiving 1st warning; the next 2 missing session will results in student receiving final warning after which the student will be failed in the course.

HAND-IN DATES

Please note that all coursework constitute part of a formal University examination, and therefore only reasons of illness supported by a medical certificate, will be accepted for late-submission. Any late submission without acceptable reason will be penalized 10% per day of fraction thereof.

LIST OF DRAWING EQUIPMENT

Same as Architectural Communication 1 + A3 and A4 size sketchbooks for exercises.

COURSE CONTENT AND TIME LINE

Week	Date	Topic	Activities
1	1/03 3/03	Introduction to the course content Chapter 3: Representational Sketching Freehand sketching	<i>Workshop 1</i> Exercise 1: Still life <i>Homework 1: Still life</i>
2	8/03 10/03	Vacation Chapter 3: Representational Sketching Freehand sketching	Vacation Exercise 2: University Buildings <i>Homework 2: Boxes</i>
3	15/03 17/10	Rendering in black and white (using pencil and ink) Chapter 3: Representational Sketching Rendering in black and white (using pencil and ink)	<i>Workshop 2</i> Exercise 3: Field Study <i>Homework 3: Neighborhood</i>
4	22/03 24/03	Advanced architectural communication techniques Chapter 9: Diagramming and Conceptual Sketching Advanced architectural communication techniques	<i>Workshop 3</i> Exercise 4: Buildings <i>Homework 4: Ideas and Concepts</i>
5	29/03 31/03	Advanced architectural communication techniques Chapter 9: Diagramming and Conceptual Sketching Advanced architectural communication techniques	<i>Workshop 4</i> Exercise 5: Context <i>Homework 5: Project</i>
6	5/04 7/04	Advanced architectural presentation techniques Chapter 7: Light, Shade and Shadow Advanced architectural presentation techniques	<i>Workshop 5</i> Exercise 6: Points and Lines <i>Homework 6: S&S Photos-Box</i>
7	12/04 14/04	Advanced architectural presentation techniques Chapter 7: Light, Shade and Shadow Advanced architectural presentation techniques	<i>Workshop 6</i> Exercise 7: Planes <i>Homework 7: S&S Photos-Building</i>
8	19/04 21/04	Advanced architectural presentation techniques Chapter 7: Light, Shade and Shadow Advanced architectural presentation techniques	<i>Workshop 7</i> Exercise 8: Volumes <i>Homework 8 : S&S Photos-Details</i>
9	26/04 28/04	Advanced architectural presentation techniques Chapter 7: Light, Shade and Shadow Advanced architectural presentation techniques	<i>Workshop 8</i> Exercise 9: Compositions <i>Homework 9: S&S Photos-Sketches</i>
10	3/05 5/05	Developing perspective views (entourage) Chapter 8: Delineating and Rendering Entourage Mid Term Exam	<i>Workshop 9</i> Exercise 10: Entourage 1 <i>Homework 10: Tracing</i>
11	10/05 12/05	Developing perspective views (entourage) Chapter 8: Delineating and Rendering Entourage Developing perspective views (entourage)	<i>Workshop 10</i> Exercise 11: Entourage 2 <i>Homework 11: Entourage 2</i>
12	17/05 19/05	Modeling Chapter 10: Presentation Formats Modeling	<i>Workshop 11</i> Exercise 12: Model Start Final Project
13	24/05 26/05	Modeling Chapter 10: Presentation Formats Modeling	<i>Workshop 12</i> Exercise 13: Model Final Project preparation
14	31/05 2/06	Rendering in colors Chapter 10: Presentation Formats Rendering in colors	<i>Workshop 13</i> Exercise 14: Coloring Final Project preparation
15	7/06 9/06	Advanced architectural presentation techniques Chapter 10: Presentation Formats Final project submission	<i>Workshop 14</i> Exercise 14: Colo Final Project submission

Final Term Exam scheduled on 20/06/2009 8:00-10:00 am