Chaminade University
Interior Design Program
EID 202 Introduction to Drafting
Fall 2013
Instructor: Dr. Junghwa Suh

EID 202 COURSE DESCRIPTION & OBJECTIVES

Class hours: TTH 10:00–12:50
Office hours: MWF 12:30–1:30

Office: Eiben 208
Office phone: 739-8590
Email: Junghwa.suh@adjunct.chaminade.edu

COURSE DESCRIPTION:

EID 202 Introduction to Drafting (3cr)
Introduction to drafting and mechanical drawing tools and techniques used in the field of architecture and interior design. Students will review working drawings such as floor plans, elevations, sections and details for the purpose of learning to execute these drawings to create their own designs.

CLASS FORMAT:

This course focuses on developing technical hand drawing skills, learning how to read technical drawings, and executing typical architectural construction documents. Class will begin with a lecture and explanation of techniques, followed by in-class exercises and assignments. All drawings will be done in class but can be completed at home if needed. There will be no exams for this course (only short quizzes); instead each student will produce a comprehensive drawing package to be submitted at the end of the course. It is necessary to purchase ALL the prescribed materials and tools, and bring them—as well as your textbook—to EACH class; without these items, you will not be able to participate in the exercises.

OBJECTIVES:

The purpose of this course is to prepare you to communicate through the technical language of the architect/interior designer, including how to read and understand construction documents. To that end, you will learn the following skills:

- Architectural drawing conventions and symbols
- Orthographic drawings (plans, sections, elevations)
- Architectural detail drawings
- Stair construction
- Electrical and lighting diagrams
- Isometric and axonometric drawings
- Shadow casting
- Furniture & fixture layouts
- Dimensioning and noting
- Schedules

EVALUATION CRITERIA:

Students will be evaluated exclusively through the drawings they produce, based on accuracy, technical skill, and completeness of drawings. Class participation implies 100% commitment. Should you have to miss a class, please inform me in advance when possible; you will be responsible to make up the work on your own. Please do not be late to class, as tardiness disrupts the class. All projects must be complete and submitted on time, unless otherwise arranged in advance.

GRADING:

Your final grade will be weighted as follows:
- Drafting exercises & quizzes 10%
- Construction drawing package 80%
- Attendance/In-class participation 10%

REQUIRED TEXTS:

Architectural Drafting for Interior Designers, Lydia Sloan Cline, Tenth Edition

REQUIRED MATERIALS:

- 18'' roll of sketching trace paper
- architectural scale
- 2-3 mechanical lead holders
- lead (3H, H, B, 3B) – packages can be shared with other students
- lead sharpener w/ dust cleaner
- pad of vellum paper 18"x 24" (at least 20 sheets; packages can be shared)
- hard & gummy erasers
- erasing shield
- adjustable triangle (8-10")
- drafting tape or dots
- drafting brush
- circle template
- french curves (optional)
- plumbing fixtures template (1/4", 3/16", 1/8" scales if available)
- 12' tape measure
- Drawing canister or tube (w/ strap for easy transport)

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Environmental + Interior Design Program
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EID 202 COURSE SCHEDULE

		Read:
Week #01:	Course introduction, drawing tools, scaling exercises	Chapters 1 & 2
Week #02:	Lettering/dimensions, line types/weights, field sketching (M 9/2 Labor Day)	Chapter 3
Week #03:	Orthographic drawings, furnishings	handout
Week #04:	Drawing format, title block, title sheet, notes	
Week #05:	Floor plans	Chapter 8
Week #06:	Building sections (longitudinal)	Chapter 12
Week #07:	Reflected Ceiling Plans (electrical & lighting) (M 10/14 Discoverer's Day)	Chapter 13
Week #08:	Building sections (cross)	
Week #09:	Exterior elevations; quiz	handout
Week #10:	Interior elevations (kitchen)	Chapter 12
Week #11:	Interior elevations (bathrooms)	
Week #12:	Stair section & details (M 11/11 Veterans' Day)	Chapter 11
Week #13:	Types & Schedules (Door/Window/Wall/Room Finish) (F 11/29 Thanksgiving holiday)	Chapters 9 & 10
Week #14:	Paraline drawings	Chapter 14
Week #15:	Isometrics & axonometrics; quiz	handout
Week #16:	Construction drawing package due M 12/9 at 3:00pm (no final exam)	