

**Beginning Architectural Drafting
ID220 Spring 2002
SYLLABUS**

Revised Spring 2002

Class Meetings: T-TH 2:00-3:50

Location: E120

Instructor: Deborah Lowry, MS, ASID

Office: EB204

Phone:440-4216

Pager 571-2935

Email: debbie@chaminade.edu

Text: Ching,F., (1999), Architectural Graphics, 3rd.ed. New York: Van Nostrand Reinhold

Karlen,Mark. (1993), Space Planning Basics, New York:Van Norstrand Reinhold

Foresman, The Scott.Foresman Handbook for Writers.

Tool and Supplies: Lead Holder, Lead - F and H, lead sharpener, 2 - Triangles 90/45 and 90/60/30. Eraser (white), Drafting Brush, erasing shield, architects scale, 1 roll yellow tracing paper, drafting vellum 24 " roll or 24 x 36 sheets, drafting tape or dots, circle template, bathroom template, and lettering guide. Other materials may be purchased also as the class progresses such as French curves, compass and other templates.

Course Requirements: Class attendance is mandatory for successful completion of this class. Students will be graded on daily assignments (10%), as well as several small projects and a final set of drawings to be presented in class. (80%) Final Exam (10%).

Grading: Grading is on a percentage of point system:

A = 100-90% B = 89-80% C = 79-70% D = 69-60% F = Below 60%

Assignments: Most assignments will be done in class and as homework if more time is needed. Each page will be hand lettered on tracing paper or vellum and will list Name, description of drawing, and scale of drawing in proper format. **Please read assigned text and handouts before each class. Student participation in class discussion is required.**

Attendance is mandatory. Four unexcused absences may result in a failing grade. Please see the instructor if you have two unexcused absences in a row. Tardiness and leaving class early will also affect the student's final and daily grade. Absences on exam days due to illness will only be excused with proof of proper medical verification. See the advisor to make up the examination at the next class meeting. No cell phones or audible pagers will be allowed in class. Please see the CUH handbook for information on the University policies relating to student's code of conduct. This will be strictly enforced

Goals and Objectives: This course is an introduction to basic drafting and space planning skills used by interior designers in the field today. Students will learn basic drafting skills and space planning and how they are applied to the professions of interior design and architecture.

- identify and use tools for drafting and space planning
- use proper vocabulary and terminology relating to drafting and space planning
- Read and interpret architectural working drawings
- Improve basic communication and writing skills, enhance modes of self expression, critical thinking and analysis

ID220 Class Schedule

Spring 2002

Date

Lesson Plan and Assignments

(Subject to revision)

Week 1

Tuesday 1/15

Introduction to Course - Review Syllabus
Tools & Materials Introduction
Read: Chapter 1 (CHING) for Thursday

Thursday 1/17

Set up drawing table, drawing lines, introduction to lettering – Reading assignment: Ching Book chapter 2 & 5- Lettering Line Assignment

Week 2

Tuesday 1/22

Discuss Chapter 2 & 5
Introduction to Scale - Drawing lines and letters to scale on drawings and measuring objects.

Thursday 1/24

Drawing Room Plan & Elements of a drawing
Reading Assignment- Chapter 3- Ching Book

Week 3

Tuesday 1/29

Floor plan - multiple rooms adding doors and windows

Thursday 1/31

Floor plan- doors and windows-

Week 4

Tuesday 2/5

Class Lecture on importance of elevations and sections. Draw Kitchen elevations.

Thursday 2/7

Draw sections of small floor plan
Read: Chapter 4 – Ching Book

Week 5

Tuesday 2/12

Lecture - Adding symbols & Material Indications
Handout - Electrical symbols

Thursday 2/14

Continue Symbols –Complete Electrical Plan
Reading Assignment Chapter 1 (Karlen Book)
Planning Methodology, pg. 1-26.

Week 6

Tuesday 2/19

Discuss Chapter 1 – Work on Design Program
Exercise 1-1

Thursday 2/21

Exercise 1-2 – Class Assignment
Reading Assignment – Chapter 2 (Karlen Book)
The First Planning Steps, pg. 27-40

Week 7

Tuesday 2/26

Discuss Chapter 2 – Exercise 2-1

Thursday 2/28

Exercise 2-2 Class Assignment
Reading Assignment – Chapter 3
(Karlen Book) Small and Dimensionally Demanding
Spaces, pg.41-53.

Week 8

Tuesday 3/5

Discuss Chapter 3 – Exercise 3-1

Thursday 3/7

Exercise 3-2 Class Assignment
Reading Assignment – Chapter 4
(Karlen Book) The Building Shell and Major Systems

Week 9

Tuesday 3/12

Discuss Chapter 4 – Major Systems

Thursday 3/14

Exercise 4-1
Reading Assignment – Chapter 5
(Karlen Book) Important Influencing Factors

Week 10

Tuesday 3/19

Discuss Chapter 5 – Building Codes

Thursday 3/21

Exercise 5-1
Reading Assignment – Chapter 6
(Karlen Book) Developing a Rough Plan

Week 11

Tuesday 3/26 Spring Break- No Class

Thursday 3/28 Spring Break- No Class

Week 12

Tuesday 4/2 Class Assignment – New Floor Plan

Thursday 4/4 Work on New Floor Plan

Week 13

Tuesday 4/9 Lecture- Exterior Elevations

Thursday 4/11 Work on Exterior elevations

Week 14

Tuesday 4/16 Work on Class Assignment

Thursday 4/18 Work on Class Assignment

Week 15

Tuesday 4/23 Present Complete New Floor Plan

Thursday 4/25 Spring Recess No Classes

Week 16

Tuesday 4/30 Discuss Presentation Techniques and Final Drawings

Thursday 5/2 Review for Final

FINAL EXAM

Wednesday May 8, 12:45-2:45