

TXMI 5330 COMPUTER AIDED RESIDENTIAL DESIGN
Course Syllabus
FALL 2004

Department of Textiles, Merchandising and Interiors
University of Georgia

Faculty:	Dr. Naz Kaya
Office Hours:	10:00-12:00 (M-W) or by appointment nazkaya@uga.edu
Class Time:	12:30-3:15 (T-Th)

Course Description and Objectives

The course is an introduction to the general knowledge and basic skills in 2D drawings using AutoCAD. The course objectives include the student's ability to:

- Demonstrate skills in 2D drawings; floor plans, elevations, sections, details using CAD software,
- Organize the drawing entities by layers; assign colors and linetypes to layers,
- Create reference symbols and drawing titles,
- Set a dimension style and use dimension commands,
- Attach/detach external reference file
- Import symbols from the AutoCAD symbol library,
- Plot from Model Space and Paper Space.

Required Textbook and Materials

- Feng, J. (2002). Basic AutoCAD for Interior Designers Using AutoCAD 2002. New Jersey: Prentice Hall.
- Two zip-disks (preferably 250MB)

About the Textbook

The textbook is an easy-to-understand tutorial with step-by-step instructions. You should bring your textbook and zip-disks for each class session. The chapters are sequential, so you will simply follow the chapters in order and finish them during the first 8 weeks. Since the drawing exercises are sequential, you need to complete an exercise before you move on to the next one. At the end, you will have a complete architectural drawing of a kitchen space. Therefore, you will be responsible for any missing steps.

The rest of the semester will be spent for a mid-term project and a final project in which you apply the skills learned in the first 8 weeks to complete design projects. Final project will be a residential design project, chosen by the student and must be approved by the instructor.

Attendance.

There is no such thing as an "excused" absence. You are allowed up to three (3) absences without academic penalty. This should cover any situations that might arise such as personal sickness or family emergencies. If a student has 4 or more absences, 2 points per absence will be deducted from the final grade.

Electronic Files.

All electronic files created for course work are the responsibility of the student. Each student needs to maintain **back-up** files for **all work**. Damaged or erased computer files will be considered incomplete work and may be evaluated as if the assignment/project was not completed. Therefore, make sure you saved the drawing properly before you turn it in.

Chapter Drawings.

Chapter drawings submitted throughout the semester can earn a possible 400 pts. Unless otherwise noted, chapter drawings are due at the end of the class session for which they are assigned.

Late Policy.

A late assignment will be marked down 20 points (out of a possible 50 pts). This is only fair to the others who hand in their assignments on time. Loss of digital data due to damaged disks or computer crash will not be seen as good excuse for not being able to finish assigned work.

Quizzes.

Throughout the semester, several pop-quizzes will be given related to the commands learned in a specific chapter. Quizzes will be a combination of multiple choice, matching, and/or a drawing question.

Exams.

Two midterms and a final exam will be given. Exams will consist of two parts: The first part will be a combination of multiple choice, matching, and true/false items. The second part will be a drawing format. Exams will be closed book unless otherwise informed.

Projects.

Using previous design projects, you may choose a floor plan or an architectural drawing to reproduce for the mid-term project. However, it will need to be of certain level of difficulty, which will be decided by the instructor. Specific information regarding the final project will be given prior to the due date.

Academic Dishonesty.

Students are encouraged to work together but each student is required to **DO** and **COMPLETE** their own work. Sharing CAD data files is an example of cheating. If a student copies off a drawing from someone else, both of those assignments will receive a score of "0".

Grading Procedures.

Student performance will be assessed along the following lines:

Activity	Percentages
Chapter Drawings	15%
Exam 1	15%
Exam 2	15%
Exam 3 (Final)	5%
Quizzes/Exercises	10%
Mid-term Project	15%
Final Project	25%
TOTAL	100%

*Final grades will be reduced by 2 points for every absence after 3.

The grading scale is as follows:

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