PS 485
COMPUTER AIDED DESIGN

COURSE DESCRIPTION:
An overview of Computer Aided Drafting and Design as it relates to various aspects of the landscape design profession. Course uses the AutoCAD 2002. If time permits, LandCADD, Pro Landscape 9, or other landscape/3-D modeling program may be introduced.

Prereq: ANR 290, PS 280, PS 380

Meeting Time: 8:10a - 10:55a Tuesdays & Thursdays
Place: BEES 270

INSTRUCTOR: Curtis E. Stewart, RLA - Associate Professor
MLA University of Georgia
BS-OHLD University of Tennessee

OFFICE: Room 104 Plant Biotechnology Annex
PHONE: 974.7324 or 974.1606
EMAIL: cstewa18@utk.edu

TEXT: No text is required. Class handouts and selected articles. AutoCAD manual is optional, there will be copies available during class time.

MATERIALS: Each student is encouraged to purchase a CD-R or CD-RW or a flash (jump) drive to save their work.

LAB HOURS AND RULES:
• The combination to the lab is __________. Do not share this code with anyone not in this class. Always enter and exit through the adjacent computer lab except during class hours.
• No food or drink is permitted in the lab at any work station at any time. This includes spit cups.
• Lab hours are posted on the door.
• ALL materials found in this room, stay in this room.

ATTENDANCE: Any new material and demonstrations will occur during the first hour of each lab session. If you are late or absent for any reason, it is your responsibility to find out what was covered. I will not re-teach information to make up for a student’s absence. More than three unexcused absences will result in a 5% reduction in your final class grade.

COURSE OBJECTIVES:
1. To develop a working knowledge of Windows file management system.
2. To develop a working knowledge of and ability to use the basic AutoCAD drafting system.
3. To demonstrate practical skills in using this knowledge to produce landscape and other related drawings.
4. To develop the ability to layout, produce, and plot landscape industry standard drawings.
5. To develop the ability to bring to the CAD environment, a student’s design skills gained in previous design courses.

COURSE FORMAT:
This course will combine lectures and demonstrations with hands-on experience utilizing the computer to perform various software commands. The student will develop proficiency in construction computer aided design drawings typically used in the field of landscape design.

COURSE WORK:
Three (3) exams will be given during the course of the semester to test comprehension of material covered. Exams will be given at the beginning of class. **Unexcused late students will automatically receive a two-point deduction from the exam grade.**

Three (3) design projects will be assigned to test proficiency in the CAD environment. The fourth project will serve as the final project covering the entire semester’s material. Additionally, a Poster Project will be assigned during the semester to test the student’s skills in basic computer drafting, familiarity with the basic drafting tools and commands, creative expression, and presentation skills. Each student will present their electronic poster to the class.

To keep you guessing, two (2) timed pop quizzes will appear sometime during the semester. These may entail Q/A, drawing or both. These will be worth 10-15 points each and will count toward the final grade.

LATE WORK:
**Any** late work will automatically receive a **10% grade deduction** for each class period it is late. **NO EXCEPTIONS** without PRIOR approval and arrangements from the professor. A 5% deduction will be assessed if a project is turned in on the due day but past the due time.

GRADING:
Exams (3 @ 25 pts ea.) ........................................... 75 pts
Project #1 (poster) .................................................. 100 pts
Mini-projects - details (4 @ 25 pts ea.) .......................... 100 pts
Project #2 (Lakeridge) ............................................ 50 pts
Project #3 (Condo) .................................................. 150 pts
Project #4 (Final) ................................................. 200 pts

**TOTAL POSSIBLE ............ 675 PTS**

SCALE:

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