Syllabus for: Computer Aided Drafting and Design	
Semester & Year:	Spring 2013
Course ID and Section Number:	DT25 (E2569)
Number of Credits/Units:	4 (3 hours lecture, 3 hours lab per week)
Prerequisite	DT23 or ENGR23 or equivalent
Day/Time:	TTH 10:05-1:00
Location:	AT107
Instructor's Name:	Steve Brown
Contact Information:	Office location and hours: AT139 MW 12-1, TTH 1-2 Phone: 707-476-4347 Email: steve-brown@redwoods.edu
Required Text	AutoCAD 2013: No Experience Required - Gladfelter
Required Materials	1) Notebook & plastic sleeves to organize portfolio 2) USB File Storage

Course Description (as described in course outline)**:**

An intermediate level study of Computer-Aided Design and Drafting. Students will expand their ability to use CAD software to create, modify, and plot 2D architectural, mechanical, and civil design drawings with consideration for productivity and industry standard practices.

Student Learning Outcomes (as described in course outline) **:**

1. Create, modify, and plot 2D technical drawings per industry standards.
2. Demonstrate correct use of industry standard coordinate input systems and drawing scales.
3. Manipulate the CAD user interface efficiently, including customization and file management.
4. Properly add dimensions and annotations to technical drawings per industry standards.
5. Effectively use CAD software to improve drafting productivity, especially through the use of templates, dynamic blocks, layouts, workspaces, attributes, parametrics, and external references.
6. Define terminology associated with the CAD industry and describe the role of drafters in a design firm.
7. Prepare a professional portfolio of corrected work.

Methods of Evaluation: The final grade you receive will be based on the following criteria:

55% Projects & Quizzes	Grade Scale:100% - 90%	A
5% Participation	89% - 80%	B
10% Portfolio	79% - 70%	C
10% Midterm	69% - 60%	D
10% Final		
10% Presentation		

*Late work, for any reason, is penalized 20% and will not be accepted more than 4 class meetings from when it was originally assigned.

*Students with 4 absences prior to the end of the 10th week will be dropped from the course.

Special accommodations: College of the Redwoods complies with the Americans with Disabilities Act in making reasonable accommodations for qualified students with disabilities. Please present your written accommodation request at least one week before the first test so that necessary arrangements can be made. No last-minute arrangements or post-test adjustments will be made. If you have a disability or believe you might benefit from disability related services and may need accommodations, please see me or contact Disabled Students Programs and Services. Students may make requests for alternative media by contacting DSPS.

Academic Misconduct: Cheating, plagiarism, collusion, abuse of resource materials, computer misuse, fabrication or falsification, multiple submissions, complicity in academic misconduct, and/ or bearing false witness will not be tolerated. Violations will be dealt with according to the procedures and sanctions proscribed by the College of the Redwoods. Students caught plagiarizing or cheating on exams will receive an "F" in the course.

The student code of conduct is available on the College of the Redwoods website at: http://www.redwoods.edu/District/Board/New/Chapter5/Ap5500.pdf

Other Important Information:

- The information in this document is subject to change, with notice, in the event of extenuating circumstances.
- The following items may be found on the MyCR site for this class:
    - ✓ Course calendar (includes assignment information)
    - ✓ Announcements
    - ✓ Online quizzes
    - ✓ Gradebook
    - ✓ Resources such as reading assignments, handouts, and PowerPoints
- It is your responsibility to check MyCR frequently.
- The expectation is that you attend every class, on time, and stay for the duration of the class. If you are absent it is your responsibility to get the missed information from the instructor or another student. Make use of the instructor's office hours to get missed information; there will not likely be time during class for the instructor to go over the missed instruction or assignment.
- In the event of an earthquake, take cover under your computer station and hold on to the desk. Once it is safe to leave the building, go to the nearest safety zone (ours is right behind the AT building). Do not go to towards the cafeteria (high pressure gas line) or to the lower parking lot (tsunami danger).
- **NO FOOD OR DRINK AT COMPUTER WORKSTATIONS. SPILLPROOF WATER BOTTLES ARE OK.**

College of the Redwoods is committed to equal opportunity in employment, admission to the college, and in the conduct of all of its programs and activities.