Syllabus for: Engineering Design Graphics

Semester & Year:	Spring 2015
Course ID and Section Number:	DT23 (E7244)/ENGR23 (E7245)
Number of Credits/Units:	3 (2 hours lecture, 3 hours lab per week)
Recommended Preparation	CIS100
Prerequisite	None
Day/Time:	MW 1:15 – 3:45
Location:	AT105
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	None
Required Materials	1) Notebook & plastic sleeves to organize portfolio
	2) USB device for file backup or cloud storage
	3) Pencils/eraser for sketching

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

A study of technical graphics techniques for engineers and drafters with an emphasis on computer-aided design applications, visualization, the design process, design documentation, and technical sketching. Note: DT23 and ENGR-23 are the same course.

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

1. Develop orthographic projections, isometric, oblique, and perspective pictorial representations of designs using CAD and sketching.
2. Demonstrate correct visualization and representation of 3D information from 2D information and vice-versa.
3. Present design information using current industry standard documentation and annotation techniques.
4. Define terminology related to engineering graphics.
5. Prepare a professional portfolio.

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

65% Projects & Quizzes	Grade Scale:	100% - 90%	A
5% Participation		89% - 80%	B
10% Portfolio		79% - 70%	C
10% Midterm		69% - 60%	D
10% Final		59% - 0%	F

*Late work, for any reason, is penalized 20% and will not be accepted more than 2 class meetings after it is due.

*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. http://www.redwoods.edu/district/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 Canvas site for this class:
  - ✓ Assignment information
  - ✓ Announcements
  - ✓ Online quizzes
  - ✓ Grade book
  - ✓ Resources such as reading assignments, handouts, and PowerPoints
- It is your responsibility to check Canvas frequently.
- It is expected that students 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 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.