

## Syllabus for Engineering Design Graphics – Del Norte Site

<b>Semester &amp; Year</b>	Spring 2016	
<b>Course ID and Section #</b>	DT23 (039963)/ENGR23 (039964)	
<b>Instructor's Name</b>	John Colianno	
<b>Day/Time</b>	TTH 6:15PM – 9:20PM	
<b>Location</b>	DC1	
<b>Number of Credits/Units</b>	3	
<b>Contact Information</b>	<i>Office location</i>	Associate Faculty Office
	<i>Office hours</i>	Call for appointment
	<i>Phone number</i>	(707) 954-2625
	<i>Email address</i>	john-colianno@redwoods.edu
<b>Textbook Information</b>	<i>Title &amp; Edition</i>	None
	<i>Author</i>	NA
	<i>ISBN</i>	NA

### Course Description:

A study of engineering design graphics for engineers and drafters with an emphasis on technical drawings and an introduction to computer-aided design (CAD). Topics include the development of visualization skills; orthographic projections; dimensioning and tolerancing practices; and the engineering design process. Assignments develop sketching and 2-D and 3-D CAD skills. The use of CAD software is an integral part of the course. (None for DT23, MATH25 for ENGR23)

### Student Learning Outcomes:

- 1) Develop orthographic projections, isometrics, obliques, and perspective pictorial representations of designs using CAD and sketching.
- 2) Present engineering drawings using current industry standard documentation and annotation techniques.
- 3) Define terminology related to engineering graphics.
- 4) Prepare a professional portfolio.

### 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 at 707-464-2352.

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### Academic Support:

Academic support is available at [Counseling and Advising](#) and includes academic advising and educational planning, [Academic Support Center](#) for tutoring and proctored tests, and [Extended Opportunity Programs & Services](#), for eligible students, with advising, assistance, tutoring, and more.

### Academic Honesty:

In the academic community, the high value placed on truth implies a corresponding intolerance of scholastic dishonesty. In cases involving academic dishonesty, determination of the grade and of the student's status in the course is left primarily to the discretion of the faculty member. In such cases, where the instructor determines that a student has demonstrated academic dishonesty, the student may receive a failing grade for the assignment and may be reported to the Chief Student Services Officer or designee. The Student Code of Conduct (AP 5500) is available on the College of the Redwoods website at: [www.redwoods.edu/district/board/new/chapter5/documents/AP5500StudentConductCodeandDisciplinaryProcedureRev1.pdf](http://www.redwoods.edu/district/board/new/chapter5/documents/AP5500StudentConductCodeandDisciplinaryProcedureRev1.pdf) Additional information about the rights and responsibilities of students, Board policies, and administrative procedures is located in the college catalog and on the College of the Redwoods website.

### Disruptive Classroom Behavior:

Student behavior or speech that disrupts the instructional setting will not be tolerated. Disruptive conduct may include, but is not limited to: unwarranted interruptions; failure to adhere to instructor's directions; vulgar or obscene language; slurs or other forms of intimidation; physically or verbally abusive behavior. In such cases, where the instructor determines that a student has disrupted the educational process, a disruptive student may be temporarily removed from class. In addition, he or she may be reported to the Chief Student Services Officer or designee. The Student Code of Conduct (AP 5500) is available on the College of the Redwoods website at: [www.redwoods.edu/district/board/new/chapter5/documents/AP5500StudentConductCodeandDisciplinaryProcedureRev1.pdf](http://www.redwoods.edu/district/board/new/chapter5/documents/AP5500StudentConductCodeandDisciplinaryProcedureRev1.pdf)

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### Emergency Procedures for the Del Norte campus:

Please review the campus evacuation sites, including the closest site to this classroom (posted by the exit of each room). The Crescent City campus emergency map is available at

(<http://www.redwoods.edu/District/Maps/dnmap.asp> ). For more information on Public Safety, go to <http://redwoods.edu/safety/> In an emergency that requires an evacuation of the building:

- Be aware of all marked exits from your area and building.
- Once outside, move to the nearest evacuation point outside your building:
- Keep streets and walkways clear for emergency vehicles and personnel.
- Do not leave campus, unless it has been deemed safe by the campus authorities.

RAVE – College of the Redwoods has implemented an emergency alert system. In the event of an emergency on campus, you can receive an alert through your personal email, and/or phones at your home, office, and cell. Registration is necessary in order to receive emergency alerts. Please go to <https://www.GetRave.com/login/Redwoods> and use the “Register” button on the top right portion of the registration page to create an account. During the registration process you can elect to add additional information, such as office phone, home phone, cell phone, and personal email. Please use your CR email address as your primary Registration Email. Your CR email address ends with “[redwoods.edu](http://redwoods.edu).” Please contact Public Safety, [707-476-4112](tel:707-476-4112), [security@redwoods.edu](mailto:security@redwoods.edu), if you have any questions.

### 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 for credit more than 2 class meetings after it is due.**

**\*Per CR policy, students with 4 absences prior to the end of the 10th week will be dropped from the course.**

### Required Materials:

- ✓ Notebook & plastic sleeves to organize portfolio
- ✓ USB device for file backup or cloud storage
- ✓ Pencils/eraser for sketching

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### Other Important Information:

- **The information in this document is subject to change. The instructor reserves the right to make changes.**
- 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. 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).
- **SPILLPROOF WATER BOTTLES ARE ALLOWED IN THE LAB. NO OTHER FOOD OR DRINK IS PERMITTED AT THE COMPUTER WORKSTATIONS.**

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.

### SPRING 2016 Important Dates:

Last Day to Drop without a "W" and Receive a Refund  
(Term fees are NOT refunded once the term begins) **02/17/16**

Last Day for Student Initiated Withdrawal (no refund) **04/07/16**

Final Examinations **05/09/16-05/13/16** **Last day of class**  
Semester Ends **05/13/16**

### Holidays

Lincoln's Birthday (no classes) **02/12/16**  
President's Day (all campuses closed) **02/15/16**  
Spring Break (no classes) **03/14/16-03/19/16**