

**COURSE:** Engineering 114  
Engineering Graphics

**TIME:** MWF 9:30-11:20 AM

**ROOM:** 2517

**INSTRUCTOR:** Eleanor (Ellie) Christensen  
5305 Foss Building  
Tel: 206-546-4504  
E-mail: [echriste@shoreline.edu](mailto:echriste@shoreline.edu)  
Web site: <http://www.shoreline.edu/echristensen>

**OFFICE HOURS:** MTWTHF 12:00-1:00PM  
(or by appointment)

**TEXT:** Engineering Graphics Text and Workbook Series 1.2, Craig and Craig,  
SDC publication; ISBN 1-58503-133-X

**COURSE**

**DESCRIPTION:** This course is designed to develop basic drafting skills. Areas to be studied include:

- Lettering
- Line Work
- Scales
- Sketching
- Geometric Construction
- Orthographic Projection
- Isometrics
- Cross Sectioning
- Auxiliary Views
- (Descriptive Geometry)
- (Dimensioning)

**PREREQUISITES:** English 100, Math 80, or permission.

**EQUIPMENT:** See equipment list

**LEARNING  
OUTCOMES:**

- Produce quality engineering drawings
- Develop three-dimensional skills
- Measure lines utilizing metric, engineering and architect scales
- Construct geometric designs utilizing proper procedures
- Draw and interpret orthographic views
- Draw and interpret isometric drawings
- Draw and interpret auxiliary views
- Dimension and interpret 2-dimensional engineering drawings

**GRADES:** A numerical grading system will be used. Grades will range from 4.0 to 0.7 in 0.1 increments, and the grade of 0.0. Quality line work and lettering is required to receive a 3.8 - 4.0 grade. Grades will be determined in the following percentages:

Assigned Problems	50%
Quality lettering and line work	10%
Quizzes and a Final Exam	40%

Due dates for assigned problems will be posted on the board (10 points maximum/problem). Problems will be graded for accuracy and neatness. (Also, please keep all assigned problems in a folder in sequential order).

Quizzes will consist of approximately six quizzes and a final exam. Generally quizzes will be announced however some will be unannounced. Your lowest quiz score will be discarded, excluding the final exam. Arrangements for any makeup quizzes will be made on an individual basis---you must call and let me know when you are sick and cannot attend class.

Any student who registers for this course and stops attending class will receive one of the following grades:

"V" For a student who does not officially withdraw from the class-computed as a 0.0 G.P.A.

"Z" For a student who does satisfactory work prior to officially withdrawing from this class. This is a hardship grade and no credit is received for the course. Not used in computing G.P.A. A written request is required for this grade.

"W" For a student who officially withdraws from the class---  
Deadline: November 4, 2009

**PLAGIARISM  
& CHEATING:**

Cheating is defined as the use of unauthorized help on tests or homework. Cheating or plagiarism will result in a "0" grade for each infraction. I encourage you to work together but please do not copy work

**DISABILITY:**

Students with disabilities who believe that they may need accommodations in this class are encouraged to contact the Office of Special Services, FOSS building, room 5229, as soon as possible to ensure that such accommodations are implemented in a timely manner. OSS can also be reached at (206-546-4545).

**WEATHER:**

During incimate weather conditions, stay tuned to local radio and television stations for school closure information---KOMO, KIRO, SchoolReport.org Also check Shoreline's web site.

**HOLIDAY:**

November 11 (W)	Veteran's Day Holiday
November 26, 27 (TH, F)	Thanksgiving Holiday

**LAST DAY  
OF CLASS:**

December 4 <sup>th</sup> (F)	LAST DAY OF CLASS
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**PREP DAY:**

December 7 <sup>th</sup> (M)	PREP DAY
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**FINAL EXAM:**

December 10 <sup>th</sup> (TH)	FINAL	7:00- 8:30AM
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