

COURSE: Engineering 103
Applied Descriptive Geometry

TIME: MWF: 9:30 – 11:20PM

INSTRUCTOR: Eleanor (Ellie) Christensen
5305 Foss Building
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OFFICE HOURS: M TH 12:00-1:00PM
T W 12:00-1:30PM

TEXT: Applied Descriptive Geometry, Kathryn Holliday-Darr, 2nd ed. (Delmar)

COURSE DESCRIPTION: Basic orthographic projection techniques will be used to solve three-dimensional spatial problems. The following topics will be covered:

Topics:

Orthographic Projection
Point, line and Plane Problems
Revolution
Curved and Warped Surfaces
Intersection of Surfaces
Developments
Cut and Fill Problems
Flat Patterns
Forces in Space

PREREQUISITES: Engr. 114

EQUIPMENT:

- Scales: Engineers and Metric
- Two Triangles (45° and a 30°-60°-90°)
- Compass, dividers
- Protractor
- Calculator
- Report Folder –Problems only

GRADES: Decimal grades (4.0-0.7) will be assigned in the following manner:

Assigned Problems	50%
Quizzes and Final	50%

Assigned problems will be due within two class periods from the date assigned (10 points maximum/problem). Late work will be accepted within one day of the date the assignment was due. (7 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 be given approximately every two weeks, plus a final exam. Your lowest score will be discarded (except the final). No make-up quizzes will be given.

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. No credit is received. 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 within the first seven weeks (May 11, 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 other student's 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).

HOLIDAYS:

May 25 (M) Memorial Day Holiday

**LAST DAY
OF CLASS:**

June 8 (M)

PREP DAY:

June 9 (T)

FINAL EXAM:

June 11 (TH) 7:00- 8:30AM

