



Mendocino College

COURSE LEVEL STUDENT LEARNING OUTCOMES

Term Effective:

Fall	2008
Semester	Year

Title:

Statics

(limit to 50 characters including spaces)

Course Number:

EGR 202

Initiator:

Alan West

Date Submitted:

11/17/2008

Units Min:

3.00

If this is a variable unit course, then the relationship between units and any difference in expected SLO's should be explained.

Units Max:

3.00

Lecture Hours:

3.00 to 3.00

Lab Hours:

0.00 to 0.00

Activity Hours:

0.00 to 0.00

Student Learning Outcomes: *(Enter the SLO's in an outline format. Use the Ctrl + Tab keys to indent for subtopics.)*

1. Analyze and interpret engineering data and conclusions using the scientific method of problem solving.
2. Understand concurrent forces in space.
3. Understand the equilibrium of rigid bodies in both two and three dimensions.
4. Understand moment vectors and force.
5. Understand systems of forces on rigid bodies.
6. Understand centroids, centers of gravity and distributed forces.
7. Analyze trusses, frames and machines.
8. Understand friction and moments of inertia.

SIGNATURES / APPROVALS:

Instructor(s)

Signature

Date

Instructor(s)

Signature

Date