

# Engr 312: Mechanics of Materials

Mechanics of deformable bodies; stress, strain, Hooke's Law, axial loading, bending, torsion, and column problems; introduction to statically indeterminate problems. Laboratory demonstrations of buckling of columns and deflection of beams, plane stress analysis.

3 Credits

#### Prerequisites

- Engr 309: Statics \$target.descriptions.MinimumGrade\$
- Pre-Requisite: 24 Earned Hours

### Instruction Type(s)

• Lecture: Lecture for Engr 312

#### Course Fee(s)

Engineering

• \$100.00

## Subject Areas

Engineering, General

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