

# Engr 312: Mechanics of Materials

## [School of Engineering](#)

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](#)
- Pre-Requisite: 24 Earned Hours

### Instruction Type(s)

- Lecture: Lecture for Engr 312

### Course Fee(s)

#### Mechanical Engineering 2

- \$100.00

### Subject Areas

- [Engineering, General](#)

