

## 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: Introductory Mechanics](#) \$target.descriptions.MinimumGrade\$
- Pre-Requisite: 24 Earned Hours

#### Instruction Type(s)

- Lecture: Lecture for Engr 312

#### Subject Areas

- [Engineering, General](#)

