

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

#### **Instruction Type(s)**

- Lecture: Lecture for Engr 312

#### **Subject Areas**

- [Engineering, General](#)

