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

Instruction Type(s)
- Lecture: Lecture for Engr 312

Course Fee(s)
- Engineering
  - $100.00 when booked for:
    - Fall, Second Fall, Winter, Spring, First Spring, Second Spring, May, Full Summer, First Summer, Second Summer, August 2016-17
    - Fall, First Fall, Second Fall 2017-18

Subject Areas
- Engineering, General