C E 521: Advanced Mechanics of Materials
Civil Engineering
Classical methods for second-order analysis of deformable bodies; failure criteria; torsion of thin walled sections; unsymmetrical bending of straight beams; curved beams; beam on elastic foundation; plates and shells; buckling.
3 Credits
Prerequisites
- Math 353: Elementary Differential Equations
- Engr 312: Mechanics of Materials
- Prerequisite: Junior standing (60 hr).
Instruction Type(s)
- Lecture: Lecture for C E 521
Subject Areas
- Civil Engineering, General
- Engineering Mechanics