ME 422: Structural Design I
Mechanical Engineering
Design of steel and concrete structural members according to ACI and AISC LRFD specifications; reinforced concrete and rolled steel sections subject to axial force, flexure, shear, torsion, and combined loading; fatigue and fracture; introduction to connections.
3 Credits

One-way corequisites
- M E 421: Structural Analysis

Cross-listed Courses
- C E 412: Design of Concrete Structures

Subject Areas
- Mechanical Engineering
- Civil Engineering, General

Related Areas
- Geotechnical and Geoenvironmental Engineering
- Structural Engineering
- Transportation and Highway Engineering
- Water Resources Engineering