M E 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

Prerequisites

- Pre-Requisite: 24 Earned Hours

One-way corequisites

- M E 421: Structural Analysis

Cross-listed Courses

- C E 412: Structural Design I

Subject Areas

- Mechanical Engineering
- Civil Engineering, General

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