C E 413: Steel Design

Civil Engineering

LRFD and ASD design philosophy; AISC specifications for steel sections under tension, compression, bending, and combined axial load and bending; lateral load resisting systems; simple bolted and welded connections; composite beams.

3 Credits

Prerequisites
- C E 311: Structural Analysis
- Pre-Requisite: 24 Earned Hours

Instruction Type(s)
- Lecture: Lecture for C E 413

Subject Areas
- Civil Engineering, General
- Structural Engineering

Related Areas
- Civil Engineering, Other
- Geotechnical and Geoenvironmental Engineering
- Transportation and Highway Engineering
- Water Resources Engineering