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

Instruction Type(s)

- Lecture: Lecture for C E 413

Subject Areas

- Civil Engineering, General
- Structural Engineering

Related Areas

- Civil Engineering, General
- Geotechnical and Geoenvironmental Engineering
- Structural Engineering
- Transportation and Highway Engineering
- Water Resources Engineering