

## 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

### Course Fee(s)

#### Civil Engineering 2

- \$100.00

### Subject Areas

- [Civil Engineering, General](#)
- [Structural Engineering](#)

### Related Areas

- [Civil Engineering, Other](#)
- [Geotechnical and Geoenvironmental Engineering](#)
- [Transportation and Highway Engineering](#)
- [Water Resources Engineering](#)

