

C E 413: Steel Design

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

- rerequisites
 - <u>C E 311: Structural Analysis</u>
 - Pre-Requisite: 24 Earned Hours

Instruction Type(s)

• Lecture: Lecture for C E 413

Subject Areas

- <u>Civil Engineering, General</u>
- <u>Structural Engineering</u>

Related Areas

- Civil Engineering, Other
- Geotechnical and Geoenvironmental Engineering
- Transportation and Highway Engineering
- <u>Water Resources Engineering</u>

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