

# C E 513: Advanced Steel Design

Advanced topics in design of structural steel members; Direct Analysis Method for steel frames; building connections; steel girder design; applications to buildings and bridges; seismically resistant steel frames.

#### 3 Credits

#### Prerequisites

• Pre-requisite C E 413 OR Graduate Standing

### Instruction Type(s)

Lecture: Lecture for C E 513

## **Subject Areas**

<u>Structural Engineering</u>

#### **Related Areas**

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

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