

## **C E 513: Advanced Steel Design**

### **CIVIL ENGINEERING**

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**

- [Structural Engineering](#)

### **Related Areas**

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

