

# C E 514: Design Pre-Stressed Concrete Structures

## **CIVIL ENGINEERING**

Pre- and post- tensioning technologies; material properties; ACI and AASHTO allowable stresses; response to and design for axial load, flexure, shear, and torsion; applications to buildings and bridges.

3 Credits

### **One-way corequisites**

- [C E 412: Structural Design I](#)

### **Instruction Type(s)**

- Lecture: Lecture for C E 514

### **Subject Areas**

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

### **Related Areas**

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

