

## **C E 514: Pre-Stressed Concrete Design**

### **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

#### **Prerequisites**

- [C E 412: Design of Concrete Structures](#) \$target.descriptions.MinimumGrade\$

#### **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](#)

