

# 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.

## **Prerequisites**

• C E 412: Design of Concrete Structures

## 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

