

# C E 514: Design Pre-Stressed Concrete Structures

Pre-and post-tensioning technologies; material properties; response to and design for axial load, flexure, shear, and torsion; application 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

