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

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