

## 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](#)

