

C E 514: Pre-Stressed Concrete Design

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

<u>C E 412: Design of Concrete Structures</u>

Instruction Type(s)

Lecture: Lecture for C E 514

Subject Areas

- <u>Civil Engineering, General</u>
- <u>Structural Engineering</u>

Related Areas

- Civil Engineering, Other
- Geotechnical and Geoenvironmental Engineering
- Transportation and Highway Engineering
- Water Resources Engineering

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