

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

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

Instruction Type(s)

• Lecture: Lecture for C E 514

Subject Areas

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

Related Areas

- Civil Engineering, Other
- Geotechnical and Geoenvironmental Engineering
- Transportation and Highway Engineering
- <u>Water Resources Engineering</u>

The University of Mississippi is accredited by the Southern Association of Colleges and Schools Commission on Colleges to award certificates and baccalaureate, master's, specialist, and doctoral degrees. Contact the Commission on Colleges at 1866 Southern Lane, Decatur, Georgia 30033-4097, call 404-679-4500, or visit online at www.sacscoc.org for guestions about the accreditation.

