C E 315: Civil Engineering Materials

Civil Engineering

Fundamental concepts of materials science including the structure and properties of materials and their relationship to material selection and system design; classification of materials; properties and behavior of construction materials including soils and aggregates, cement, concrete, metals, wood, asphalt, composites, and other new materials; mix design procedures and properties of Portland cement concrete and bituminous/asphalt mixtures; quality control and quality assurance.

3 Credits

Prerequisites

- C E 315 Requires: One Way-Co-Requisite C E 431

Instruction Type(s)

- Lecture/Lab: Lecture/Lab for C E 315

Course Fee(s)

Civil Engineering 2

- $100.00

Subject Areas

- Civil Engineering, General
- Materials Engineering

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 questions about the accreditation.