

## C E 521: Advanced Mechanics of Materials

Classical methods for second-order analysis of deformable bodies; failure criteria; torsion of thin walled sections; unsymmetrical bending of straight beams; curved beams; beam on elastic foundation; plates and shells; buckling.

3 Credits

## Prerequisites

- <u>Math 353: Elementary Differential Equations</u>
- Engr 312: Mechanics of Materials
- Prerequiste: Junior standing (60 hr).

## Instruction Type(s)

Lecture: Lecture for C E 521

## **Subject Areas**

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

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.

