THE UNIVERSITY of MISSISSIPPI

C E 411: Structural Analysis
CIVIL ENGINEERING

Classification and analysis of simple structural systems; ASCE-7 provisions for minimum loads; virtual work and virtual displacement methods; introduction to flexibility and displacement matrix methods; stiffness matrices for rod, frame, and slab elements.

3 Credits

Prerequisites

- Engr 312: Mechanics of Materials $target.descriptions.MinimumGrade$
- Pre-Requisite: 24 Earned Hours

Cross-listed Courses

- M E 421: Structural Analysis

Instruction Type(s)

- Lecture: Lecture for C E 411

Subject Areas

- Civil Engineering, General
- Structural Engineering

Related Areas

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