THE UNIVERSITY of MISSISSIPPI

C E 511: Structural Analysis II
CIVIL ENGINEERING

Advanced topics in structural analysis; matrix methods and finite element modeling; structural instability; structural dynamics; system identification and health monitoring algorithms; computational simulation and visualization.

3 Credits

Prerequisites
• Pre-requisite: C E 411 or Graduate Standing

Instruction Type(s)
• Lecture: Lecture for C E 511

Subject Areas
• Civil Engineering, General
• Structural Engineering

Related Areas
• Civil Engineering, Other
• Geotechnical and Geoenvironmental Engineering
• Transportation and Highway Engineering
• Water Resources Engineering