

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.

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

