

C E 511: Structural Analysis II

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
- <u>Structural Engineering</u>

Related Areas

- <u>Civil Engineering, Other</u>
- Geotechnical and Geoenvironmental Engineering
- Transportation and Highway Engineering
- Water Resources Engineering

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