C E 421: Matrix Analysis of Structures
Civil Engineering
Virtual work and virtual displacement methods; introduction to the flexability and displacement matrix methods; stiffness matrices for rod, frame, and slab elements; introduction to structural dynamics and elastic stability; computational tools.
3 Credits
Prerequisites
• C E 311: Structural Analysis
• Pre-Requisite: 24 Earned Hours

Instruction Type(s)
• Lecture: Lecture for C E 421

Subject Areas
• Civil Engineering, General
• Structural Engineering

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