C E 311: Structural Analysis
Civil Engineering
Classification and analysis of structure systems: structural analysis of trusses, beams, and frames using classical geometry and energy methods. Influence lines and column buckling. Introduction to stiffness matrices for rods, beams, and frames. Computer applications.

3 Credits

Prerequisites
• Engr 312: Mechanics of Materials

Instruction Type(s)
• Lecture: Lecture for C E 311

Course Fee(s)
Civil Engineering 2
• $100.00

Subject Areas
• Civil Engineering, General
• Structural Engineering

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