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
- Pre-Requisite: 24 Earned Hours
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
- Geotechnical and Geoenvironmental Engineering
- Transportation and Highway Engineering
- Water Resources Engineering