# 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

- Civil Engineering, Other
- Geotechnical and Geoenvironmental Engineering
- Transportation and Highway Engineering
- Water Resources Engineering

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