

# **C E 433: Foundation Engineering**

Soil investigation and bearing capacity. Factors to consider in foundation design, spread-footing design, combined footing design, mat foundations, retaining wall design, sheet-pile wall design, single pile foundation, and pile group foundation design. Caissons and cofferdams.

#### 3 Credits Prerequisites

- <u>C E 431: Soil Mechanics I</u>
- Pre-Requisite: 24 Earned Hours

### Instruction Type(s)

• Lecture: Lecture for C E 433

# **Subject Areas**

- Civil Engineering, General
- Geotechnical and Geoenvironmental Engineering

# **Related Areas**

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

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