

# 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

#### Course Fee(s)

- Civil Engineering 2
- \$100.00

## Subject Areas

- <u>Civil Engineering, General</u>
- <u>Geotechnical and Geoenvironmental Engineering</u>

#### **Related Areas**

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

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