

# 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**

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

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