

## C E 433: Foundation Engineering

### CIVIL 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

- [C E 431: Soil Mechanics I](#) \$target.descriptions.MinimumGrade\$
- 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](#)
- [Structural Engineering](#)
- [Transportation and Highway Engineering](#)
- [Water Resources Engineering](#)

