

# 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](#)
- 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](#)

