

# 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**

- <u>C E 431: Soil Mechanics I</u> \$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

