

## **C E 416: Bridge Engineering**

### **Civil Engineering**

Bridge types, functions, construction features; AASHTO design vehicle loading; LRFD limit states design of superstructure elements; short span steel and pre-stressed concrete girder deck systems; introduction to design of substructure elements.

3 Credits

#### **Prerequisites**

- [C E 412: Design of Concrete Structures](#) \$target.descriptions.MinimumGrade\$
- [C E 311: Structural Analysis](#) \$target.descriptions.MinimumGrade\$
- Pre-Requisite: 24 Earned Hours

#### **Instruction Type(s)**

- Lecture: Lecture for C E 416

#### **Subject Areas**

- [Structural Engineering](#)

#### **Related Areas**

- [Civil Engineering, General](#)
- [Civil Engineering, Other](#)
- [Geotechnical and Geoenvironmental Engineering](#)
- [Transportation and Highway Engineering](#)
- [Water Resources Engineering](#)

