

# 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**

- <u>C E 412: Design of Concrete Structures</u>
- <u>C E 311: Structural Analysis</u>
  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

