

# C E 516: 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 including bearings, piers, trestles

### **Prerequisites**

• Prerequisites: either C\_E 412 or C\_E 413 OR Prerequisite: graduate standing

## **Instruction Type(s)**

• Lecture: Lecture for C E 516

## **Subject Areas**

• Structural Engineering

#### **Related Areas**

- Civil Engineering, General
- Civil Engineering, Other
- Geotechnical and Geoenvironmental Engineering
- Transportation and Highway Engineering
- Water Resources Engineering

