

## **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

3 Credits

### **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](#)

