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
- C E 311: Structural Analysis

Instruction Type(s)
- Lecture: Lecture for C E 416

Subject Areas
- Structural Engineering

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