

C E 416: Bridge 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.

Prerequisites

- C E 412: Design of Concrete Structures
- C E 311: Structural Analysis
- 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

