

C E 516: 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 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

<u>Structural Engineering</u>

Related Areas

- Civil Engineering, General
- <u>Civil Engineering, Other</u>
- Geotechnical and Geoenvironmental Engineering
- Transportation and Highway Engineering
- <u>Water Resources Engineering</u>

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