

CIVE 617. BRIDGE ENGINEERING.

Credits: 4

Offered by: Civil Engineering (Graduate Studies)

Terms offered: Winter 2026

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Description

Bridge components, connections, and constraints; girder bridges; arch bridges; cable-stayed and suspension bridges; probabilistic design; design loads; analysis of superstructures; evaluation, repair, and rehabilitation of bridges; coastal bridge vulnerability; seismic design and retrofit of bridges; case studies.

Most students use Visual Schedule Builder (VSB) to organize their schedules. VSB helps you plan class schedules, travel time, and more.

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