



MERRIMACK COLLEGE

SCHOOL OF SCIENCE & ENGINEERING



CIVIL ENGINEERING

Civil Engineering students follow a challenging curriculum, participate in professional activities - such as the design and construction of a full-scale steel bridge - and interact with future employers. The department provides small class sizes, faculty-taught lectures and laboratories, a strong cooperative education program, opportunities to minor in Business or Math, study abroad opportunities, and a nurturing atmosphere that fosters student success.

ENGAGING COURSEWORK

A dynamic curriculum builds strong practical knowledge from introductory classes to specialized coursework.

Our ABET accredited curriculum includes extensive general education requirements along with a rigorous and well-respected civil engineering curriculum.

A selection of program coursework includes:

- CEN 2001 Site Engineering
- CEN 3010 Structural Analysis
- PHY 2213 Thermodynamics
- CEN 3030 Transportation Engineering

REWARDING CAREER PATHS

Civil Engineering is a highly versatile degree allowing graduates to work in many different industries and professions. Many civil engineers hold supervisory or administrative positions, from supervisor of a construction site to city engineer. Others may work in design, construction, research, and teaching.

PROGRAM HIGHLIGHTS

Steel Bridge Competition

Through the student chapter of the American Society of Civil Engineers (ASCE), the Merrimack steel bridge team conceptualizes and designs a steel bridge for competition against other colleges/universities. Merrimack earned third place in the New England Regional competition in 2015 and advanced national finals.

Senior Capstone Project

Seniors must complete a design project that will engage the local community. Past projects include

- the rehabilitation of a mill building for a local business owner in the City of Lawrence;
- the design of a three story classroom/dormitory facility in Santo Domingo;
- the design of a new residential high rise to be built in the Prudential Center in Boston;
- the re-design of the Longfellow Bridge and an assessment of its impacts to the community.

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QUESTIONS?

Contact the **Civil Engineering Department** at:

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