closer

Learn more
Take a 3D tour of CEMS Spaces, learn more about our facilities, and hear from students and employers about why they love UVM by scanning this QR code.

Reach out!
Have specific questions about your academic journey? You can always email us at info@cemswv.edu. We want to hear from you!
Welcome!

We are thrilled you are here to tour our facilities and learn more about our programs:

- Mechanical Engineering (ME)
- Electrical Engineering (EE)
- Biomedical Engineering (BME)
- Civil Engineering (CE)
- Environmental Engineering (ENV)
- Computer Science (CS)
- Mathematics & Statistics (M/S)
- Data Science (DS)
- Physics (PHY)

Student Club Space/Aero Space - V119
Teams including the AERO car, steel bridge, and concrete canoe can use this space (and others) for their projects. Good for: All prospective Engineers

Senior Engineering Experience Design (SEED) Lab - V220
Students take a multidisciplinary design course their senior year and frequently interact with industry clients. Good for: All Engineers

Prototype Lab / Machine Shop - V125
Students can take a 1 credit course to learn how to use the Machine shop. Student clubs and student research projects also have access to the shop. Good for: All prospective CEMS students

Geomaterials Lab - V127
Students study how to characterize soils, how water flows through them, and how strong they are. They can even experiment with lunar and Martian soil simulants as well as crushed recycled glass that can be used as a sand substitute in construction. Good for: CE and ENV

Fabrication Lab (aka FabLab) - V227, 242 & 248
3D printers, a laser cutter, and more. CEMS 050 is taught here; students work on a variety of projects. Good for: All prospective CEMS students

Ski Safety Lab - V223
Innovations in ski safety are vital to the growth of the sport and engage our students in real-world design projects. Good for: ME

TESLA Energy Systems Teaching Lab - V312
Students build prototypes and get an in-depth understanding of current and voltage, sensors, input and output control, and iterative design. They simulate devices and construct circuits for a variety of applications and learn AM, FM, and digital communication signals, plus use portable signal generators, and network analyzers. Good for: EE

Physics space - W424
Students are thoroughly trained in small, innovative classes by distinguished teacher-scholars. They perform innovative experiments in well-equipped labs and conduct research that has a real-world impact, under the guidance of faculty. Good for: PHY

ENV Teaching Lab - W218
Students use this lab for water quality and environmental quantitative analysis. They study water contamination and test samples. Good for: ENV

Center for Biomedical Innovation - W226
The CBI brings together students, faculty, and industry through shared programming and an interactive space for applied research, technology development, and education. Good for: BME

This Center advances study and research in the field of data science and analytics. Students gain deeper insights into data assets, publish their findings, and identify trends in health and wellness, among other vital fields. Good for: CS, M/S, DS