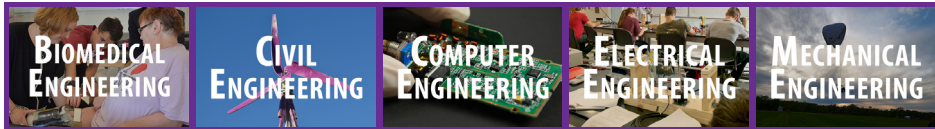


UNIVERSITY OF MOUNT UNION SCHOOL OF ENGINEERING

The School of Engineering at the University of Mount Union provides students with a well-rounded education through relevant career preparation and classroom foundations that will prepare graduates for successful careers in the fields of engineering.

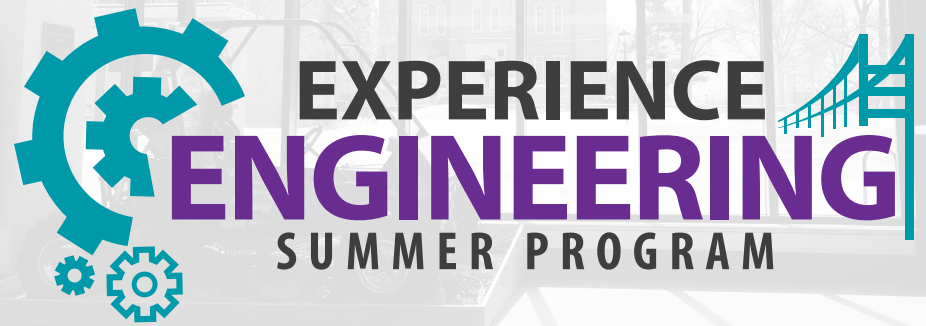
Through extensive hands-on learning, an international experience, and innovative research opportunities, students will develop the critical thinking skills to solve complex problems and improve our functioning society by understanding how things work in the world.

Engineering students benefit from the small class sizes and personal attention from the engineering faculty. Learn more about the high-demand field of engineering at mountunion.edu/school-of-engineering, and explore Mount Union's engineering programs in:



1972 Clark Avenue, Alliance, Ohio 44601

mountunion.edu/school-of-engineering



EARN COLLEGE CREDIT

JULY 5 – JULY 11, 2020



UNIVERSITY OF MOUNT UNION
School of Engineering

mountunion.edu/EESP



EXPERIENCE ENGINEERING SUMMER PROGRAM (EESP) PROGRAM INFORMATION

INTERESTED IN A CAREER THAT:

- is in a challenging, in-demand, and high-paying field?
- makes our lives better?
- encourages creativity, teamwork, and strong communication skills?
- uses creative problem solving?

Explore the world of engineering on the University of Mount Union's campus through hands-on projects led by engineering professors with extensive experience and successful careers in the field. Experience Engineering Summer Program (EESP) allows rising high school sophomores, up to recent high school graduates preparing to enroll as a freshman in college, the opportunity to learn more about the engineering profession while engaging in hands-on engineering projects. Students will get direct experience in each of the five engineering disciplines offered at the University as well as sustainability, ethics, and global engineering. Students will also learn about entrepreneurship in engineering and gain valuable experience in communication and presentation skills.

Disciplines, Practices, and Skills Featured Through the Program:

- Biomedical Engineering
- Civil Engineering
- Computer Engineering
- Electrical Engineering
- Mechanical Engineering
- Effective Communication and Presentation Skills
- Engineering Ethics
- Entrepreneurship in Engineering
- Global Engineering
- Sustainability in Engineering

Earn Credits Toward College Through Successful Completion of the Program:

The program features the same curriculum and instruction that Mount Union engineering students experience in the two-credit EGE110: Intro to the Engineering Profession course. Any student deciding to enroll in Mount Union's engineering program will be able to use these credits to replace EGE110. The program also features small class sizes, social and team building activities, and interactions with peers and current college engineering student mentors - allowing students to get a better understanding of life in college and the opportunity to experience Mount Union's campus.

FEATURES AND BENEFITS

- **Earn two college credits** for EGE110: Intro to the Engineering Profession course
- **Utilize state-of-the-art labs and classrooms** located in Oak Hall and Tolerton and Hood Hall
- **Experience hands-on engineering** through projects instructed by Mount Union faculty
- **Learn by mentoring** from Mount Union engineering students
- **Grow personally** through team-building and social activities
- **Scholarship opportunities** are available to a select number of attendees. Contact Jenny Huth for more information at huthje@mountunion.edu.

WHO is EESP for?

High school sophomores, juniors, seniors, and high school graduates preparing to enroll as college freshmen and who have successfully completed Algebra I are eligible to attend EESP. This program is geared toward students with an interest in learning a career in engineering. Students with exposure to engineering courses in high school to students with little to no engineering exposure are welcome and encouraged to sign up.

WHAT is EESP?

EESP is a one-week summer program featuring hands-on learning through projects and experiences in five different engineering disciplines as well as other important skills and practices for the next generation of engineers.

WHEN is EESP?

July 5 - July 11

The program begins at 3 p.m. on Sunday, July 5 and concludes at noon on Saturday, July 11.

WHERE is EESP?

The program is held on the University of Mount Union's campus.

COST

Commuter Student: \$625

Residential Student: \$850 (Includes program fee, housing, and meals)

Optional Tuition Charge: \$100 (to earn official college credit)*

*Those opting to not earn official college credit by not paying the optional tuition charge will receive a grade of NG (no grade) and will earn 0-credit hours. However, the 0 credit, NG graded course will be recorded on an official transcript for the student.

Both options include instruction by university faculty, all instructional materials, supervision by trained college-student mentors, social and team building activities, and an EESP T-shirt.

NO refunds after June 1. Prior to June 1, a \$50 cancellation fee will be applied to any refund.

REGISTRATION

To register and view the registration checklist, visit mountunion.edu/EESP. EESP is limited to 25 students. Registrations are accepted on a first-come, first-served basis.

FOR MORE INFORMATION

For additional registration information:

Jenny Huth, Director of Camps and Conferences
(330) 829-2877 | huthje@mountunion.edu

For additional program information:

Dr. Chad Korach, Director of the School of Engineering
(330) 829-7106 | korachcs@mountunion.edu

