



College of Engineering

MTUengineering students at Michigan Tech dive into hands-on design challenges and research experiences that push them to the next level (often alongside faculty and industry partners) long before graduation. Whether you're developing autonomous systems, improving infrastructure, or advancing sustainable technologies, you'll graduate with real project experience that makes a real impact on your resume.

Transferring to Michigan Tech

Students are encouraged to transfer to Michigan Tech at any time. There are no minimum or maximum credits required to apply as a transfer student. We consider you a transfer student once you've taken at least one college course after high school graduation. (Early/middle college students are considered first-year students for admission and scholarship purposes.)

Associate's Degree

With an associate's degree, the total time to your MTU degree will depend on the type of credits you are transferring. For Michigan residents, check out the MiTransfer Pathways available at mtu.edu/registrar/students/transfer/pathways

Michigan Transfer Agreement

Students who have completed the Michigan Transfer Agreement (MTA) have completed the equivalency of the Michigan Tech Essential Education program. Learn more at mtu.edu/essential-ed

Course Equivalencies

Use our course equivalency tool to learn how courses will transfer from other colleges and universities. Submit a course syllabus to evaluate an unlisted course for credit.



[Compare Courses](#)

Contact Us

We're here to support your educational journey in any way we can.

Thomas Schlitt, Admissions Transfer Specialist
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Undergraduate Majors

Aerospace Engineering¹
Applied Geophysics
Biomedical Engineering
Chemical Engineering²
Civil Engineering
Computer Engineering
Ecological Engineering
Electrical Engineering
Biomedical Applications
Electric Power Engineering
Environmental Applications
Photonics
Engineering
Systems Engineering
Environmental Engineering
Geological Engineering
Geology
Geospatial Engineering
Materials Science and Engineering
Mechanical Engineering¹
Mechanical Engineering Technology
Mining Engineering
Robotics Engineering

Areas of concentration are shown in italic.



[Explore Majors](#)

¹ Students pursuing aerospace engineering or mechanical engineering should plan on three years at Michigan Tech to complete the prerequisite design course sequence.

² Students pursuing chemical engineering must complete CM2110 (Material and Energy Balances), offered fall and summer, before continuing with the course sequence.

Suggested Courses

The list below includes courses that generally transfer toward an engineering degree at Michigan Tech. Credit is awarded for coursework completed at a regionally accredited institution with a grade of C (2.0) or higher.

We strongly encourage you to connect with an MTU academic advisor early in your planning. They can review degree requirements with you and recommend additional courses tailored to your specific engineering major.

Undergraduate Engineering Majors
mtu.edu/engineering/undergraduate

Find Your Academic Advisor
mtu.edu/registrar/students/advising/list

Essential Education
mtu.edu/essential-ed

Michigan Tech Course	MTU Requirement	Credits	Transfer Equivalent
University Chemistry I (CH1150)	College of Engineering	3	
University Chemistry I Lab (CH1151)	College of Engineering	1	
Engineering Analysis and Problem Solving (ENG1101)	College of Engineering	3	
Engineering Modeling and Design (ENG1102)	College of Engineering	3	
Calculus with Technology I (MA1160) ³	College of Engineering	4	
Calculus with Technology II (MA2160)	College of Engineering	4	
University Physics I - Mechanics (PH2100)	College of Engineering	3	
Physics by Inquiry I (PH1100)	College of Engineering	1	
University Physics II - Electricity and Magnetism (PH2200) ⁴	College of Engineering	3	
Physics by Inquiry II (PH1200)	College of Engineering	1	
College Writing, Reading, and Research (UN1015)	Essential Ed	3	
Foundations in the Human World ⁵ —choose one	Essential Ed	3	
Total Credits		32	

Application Details

Apply using our free transfer student application. Request to have your official college transcript(s) sent to Michigan Tech—including your high school transcript if you have not completed an associate's degree or higher at the time of the application.

The College of Engineering requires a cumulative college GPA of 2.75 or higher (on a 4.0 scale) for admission. Students should be prepared to begin in Calculus I or higher. We also recommend taking chemistry and/or physics in either high school or college.



[Apply](#)



[Transfer Details](#)

³ Students can also take Calculus Plus with Technology 1 (MA1161).

⁴ Required course for nearly all College of Engineering majors. (Elective for engineering, environmental engineering, and geospatial engineering. Substitution for mechanical engineering technology. Not required for ecological engineering and mining engineering.)

⁵ More information on Foundations in the Human World course options is available at mtu.edu/essential-ed/resources/requirements/#foundations

Thirty (30) semester credit hours of advanced level courses (3000 or higher) which apply to the degree must be completed at Michigan Tech.

Undergraduate bachelor's degrees in the College of Engineering require a total of 123-131 credits.