



College of Computing

With Computing[MTU], you'll build strong foundations in computing theory, systems, and software while gaining hands-on experience in areas like artificial intelligence, data science, and cybersecurity. Rather than preparing you for routine coding roles, our programs emphasize problem-solving, architecture, and human judgment—skills that position you to design, guide, and lead the next wave of technology.

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

Artificial Intelligence
Computer Science
Applications
Computer Science
Computer Systems
Game Development
Cybersecurity
Data Science
Electrical Engineering Technology
Information Technology
Applied Artificial Intelligence
Network Administration
Mechatronics
Software Engineering

Areas of concentration are shown in italic.



[Explore Majors](#)

Suggested Courses

The lists that follow include courses that generally transfer toward a computing 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 computing major.

Undergraduate Computing Majors
mtu.edu/computing/undergraduate

Essential Education
mtu.edu/essential-ed

Cybersecurity and Information Technology

Michigan Tech Course	MTU Requirement	Credits	Transfer Equivalent
Introduction to Programming I (CS1121)	College of Computing and Essential Ed	3	
Introduction to Programming II (CS1122)	College of Computing	3	
Calculus with Technology I (MA1160)	College of Computing and Essential Ed	4	
Elementary Linear Algebra (MA2320)	College of Computing	2	
Statistical Methods (MA2720)	College of Computing and Essential Ed	4	
Cyber Ethics (SAT1700)	College of Computing and Essential Ed	4	
College Writing, Reading, and Research (UN1015)	Essential Ed	3	
Arts and Culture, Communication Intensive, or Intercultural Competency ¹ —choose two	Essential Ed	6	
Natural and Physical Science ¹ —choose one	Essential Ed	3	
Total Credits		32	

¹ More information on Essential Education course options is available at mtu.edu/essential-ed/overview/curriculum

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 Computing require a total of 123 credits.

Undergraduate Academic Advisors

Artificial Intelligence and Data Science

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Computer Science and Software Engineering

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Cybersecurity, Electrical Engineering Technology, General Computing, Information Technology, and Mechatronics

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Electrical Engineering Technology and Mechatronics

Michigan Tech Course	MTU Requirement	Credits	Transfer Equivalent
Introduction to Programming I (CS1121)	College of Computing and Essential Ed	3	
Circuits I and Lab (EET1121 and EET1122)	College of Computing and Essential Ed	4	
Calculus with Technology I (MA1160)	College of Computing and Essential Ed	4	
Calculus with Technology II (MA2160)	College of Computing	4	
Engineering Statistics (MA3710)	College of Computing	3	
Physics (PH1140 and PH1111) or (PH1110 or PH2100 and PH1100)	College of Computing and Essential Ed	4	
Intro to Psychology (PSY2000)	Essential Ed	3	
College Writing, Reading, and Research (UN1015)	Essential Ed	3	
Arts and Culture, Communication Intensive, or Intercultural Competency ² —choose two	Essential Ed	6	
Total Credits		34	

² More information on Essential Education course options is available at mtu.edu/essential-ed/overview/curriculum

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 Computing require a total of 123 credits.

Apply to Michigan Tech

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 Computing requires a cumulative college GPA of 2.75 or higher (on a 4.0 scale) for admission.



[Apply](#)



[Transfer Details](#)

Artificial Intelligence, Computer Science, Data Science, and Software Engineering

Michigan Tech Course	MTU Requirement	Credits	Transfer Equivalent
Introduction to Programming I (CS1121)	College of Computing	3	
Introduction to Programming II (CS1122)	College of Computing	3	
Calculus with Technology I (MA1160) ³	College of Computing	4	
Elementary Linear Algebra (MA2320) ⁴ or Linear Algebra (MA2330) ⁴	College of Computing	2, 3	
Intro to Statistical Analysis (MA2710) ⁵ or Statistical Methods (MA2720) ⁵	College of Computing	3, 4	
College Writing, Reading, and Research (UN1015)	Essential Ed	3	
Arts and Culture, Foundations in the Human World, or SHAPE ⁶ —choose two	Essential Ed	6	
Natural and Physical Science ⁶ —choose one	Essential Ed	3	
Total Credits		27-29	

³ Computer science and software engineering students can also take Calculus Plus with Technology (MA1161).

⁴ Artificial intelligence and data science students should take Elementary Linear Algebra (MA2320); computer science and software engineering students should take Linear Algebra (MA2330).

⁵ Data science students should take Intro to Statistical Analysis (MA2710); computer science and software engineering students should take Statistical Methods (MA2720).

⁶ More information on Essential Education course options is available at mtu.edu/essential-ed/overview/curriculum. Artificial intelligence and data science students should choose the Foundations in the Human World and Arts and Culture courses.

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 Computing require a total of 123 credits.