



PATHWAY PROGRAMS 2023 APPLICATION



Michigan
Technological
University

PATHWAY PROGRAMS APPLICATION

Michigan Tech Summer Youth Programs

PROGRAM OVERVIEW

We offer several Pathway Programs to talented students from across the country and abroad. These programs are typically more intensive, deeper-dives into a particular field of interest, and selection is based on a combination of factors including students' grades, answers to short questions, and letters of recommendation. During the program, participants will:

- Work in teams to solve problems and complete hands-on projects.
- Hear from role models working in the field.
- Learn about the college application process and tips for succeeding in university programs.
- Experience college life—stay in a residence hall, explore campus, and meet other students with similar backgrounds and interests.
- Enjoy team competitions, recreational activities, and outdoor adventures in Michigan's Keweenaw Peninsula.

COST

There is a **nonrefundable** registration fee of \$325* that is due within 10 days of acceptance into the program. **Do not send in your payment with your application.** If accepted, we must receive your registration fee to complete your enrollment and guarantee your spot. All selected participants receive a scholarship valued at more than \$1,000, which covers all tuition, classroom supplies, and room and board.

*Rail and Intermodal Transportation and National Summer Transportation Institute registration fees are \$0. NEXT Scholars: Geospatial Engineering has 10 seats sponsored at \$0 registration fee.

TRANSPORTATION

You are responsible for your own transportation to campus. Travel accommodations and charter bus information will be provided upon program acceptance.

SELECTION CRITERIA

For high school programs, preference will be given to applicants entering 11th or 12th grade who have had two years of high school math and science. However, outstanding younger students and those without these prerequisites will be considered. The selection committee reviews application materials, involvement in extracurricular activities and outside interests or responsibilities, short responses to questions, teacher recommendations, and school transcripts. Neatness, accuracy, and following directions will also be considered. The selection committee meets one week after the deadlines to review applications.

Previous participants are not eligible to attend the same program again.

HOW TO APPLY

The application deadline is 5 pm (est), Sunday, April 9, 2023. For early decision, submit applications by 5 pm (est), Wednesday, March 1, 2023. Late applications may be considered if additional scholarships become available. Visit mtu.edu/syp to apply online and then send in your completed **application**, including a **teacher recommendation**, the required **short responses to questions**, and a copy of your **unofficial school transcript**.

APPLICATION CHECKLIST

- | | |
|--|---|
| <input type="checkbox"/> Online application submitted | <input type="checkbox"/> Signature of applicant |
| <input type="checkbox"/> Short responses to questions | <input type="checkbox"/> Copy of unofficial school transcript |
| <input type="checkbox"/> Signature of parent or guardian | <input type="checkbox"/> Teacher recommendation letter |

**SUBMIT YOUR APPLICATION TO OUR OFFICE BY MAIL OR EMAIL AT THE ADDRESSES BELOW.
PLEASE CONTACT US WITH ANY QUESTIONS.**

Michigan Tech Summer Youth Programs
Administration Building 217
1400 Townsend Drive
Houghton, MI 49931-1295

Phone: 906-487-2219
Email: syp@mtu.edu
mtu.edu/syp

PATHWAY PROGRAMS APPLICATION

Application deadline is 5 pm (est), Sunday, April 9, 2023. For early decision, submit application by 5 pm (est), Wednesday, March 1, 2023. Late applications may be considered if additional scholarships become available.

Please complete both sides of this application and send it with your unofficial transcript, teacher recommendation, and short responses to questions. **The payment form and registration fee will be due within 10 days of being accepted into the program to complete your enrollment. Do not send your payment now.**

Legal name _____
First M. I. Last Suffix (Jr., Sr., II, etc.)

Preferred name/nickname _____
This is how your name will appear on your participant ID.

WHICH PROGRAMS ARE YOU APPLYING TO? HAVE YOU APPLIED TO OR ATTENDED ANY PROGRAMS IN THE PAST?

Engineering Scholars Program (ESP)	Applying Now	Previously Applied	Attended
Women in Engineering (WIE)	Applying Now	Previously Applied	Attended
Junior Women in Engineering (JWIE)	Applying Now	Previously Applied	Attended
Please indicate which week(s) you're able to attend		July 16-21	July 23-28
Women in Automotive Engineering (WIAE)	Applying Now	Previously Applied	Attended
Women in Computer Science (WICS)	Applying Now	Previously Applied	Attended
NEXT Scholars: Geospatial Engineering	Applying Now	Previously Applied	Attended

If selected, I choose to live-in at Wadsworth Hall during the program _____ If selected, I choose to be a commuter student _____

If you are applying to **more than one** Pathway Program for 2023, which would you most like to attend? Please rank in order:

1. _____ 2. _____ 3. _____

CONTACT INFORMATION

Participant's email _____
Address/PO Box _____
City _____
State/province _____ ZIP or postal code _____
County _____ Country _____
Home phone _____
Participant's cell phone _____

SCHOOL INFORMATION

What is the name of the school you attended this year?

School Address _____
City _____ State/province _____
Zip or postal code _____ Country _____
What grade will you have completed by June 2023? _____
Current class rank _____ out of _____ Cumulative GPA _____
Note: If your school uses a grading system other than the 4.0 scale, an explanation of the method must accompany your transcript.

PERSONAL INFORMATION

Gender _____ Birth date _____ Age _____

Does participant have relatives who graduated from Michigan Tech? Please list their name, class year, and relation to you.

Name	Class year	Relation	Name	Class year	Relation
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

PARENT/GUARDIAN INFORMATION:

Parent first name M. I. Last name Suffix
Relationship to applicant _____
Evening phone _____ Day phone _____ Cell phone _____
Email _____ Is your address the same as the participant's? Yes No

Preferred Contact? Yes

Parent first name M. I. Last name Suffix
Relationship to applicant _____
Evening phone _____ Day phone _____ Cell phone _____
Email _____ Is your address the same as the participant's? Yes No

Preferred Contact? Yes

PLEASE TYPE OR PRINT YOUR LETTER TO THE PATHWAY COMMITTEE IN A SEPARATE DOCUMENT.

The Pathway Program admissions committee approaches application review holistically. Please write a 3-5 paragraph letter to the Pathway Committee outlining the following. Be sure to indicate all Pathway Programs to which you are applying in the letter.

- What extracurricular activities/groups you are involved with
- Your future plans, including any impacts you want to have on the world and your current career considerations
- What do you hope to gain by attending your chosen Pathway Program
- Anything else you feel the Pathway Committee should know in considering your application

TEACHER RECOMMENDATION LETTER

STUDENTS: Have your science or math teacher (or a teacher within your field of interest) write you a letter of recommendation; include it with this application.

TEACHERS: Michigan Tech’s Summer Youth Programs offer Pathway Programs that offer participants the chance to further explore fields of interest. Please address the following in your recommendation:

- Why are you recommending this student for a Pathway Program?
- How would this student benefit from this experience?
- Provide an example of the academic and personal traits illustrating this student's potential.

Teacher Name _____ Subject _____ Email _____

SCHOOL TRANSCRIPT

Enclose your most recent transcript (unofficial versions are accepted) of your high school coursework through the first semester of this year. If your school uses a grading system other than the 4.0 scale, send an explanation of the method with the transcript.

HOW DID YOU HEAR ABOUT OUR PROGRAM?

- | | |
|--|--|
| <input type="checkbox"/> Counselor or Teacher | <input type="checkbox"/> Internet Search |
| <input type="checkbox"/> I am a previous participant | <input type="checkbox"/> Michigan Tech alumni or faculty/staff |
| <input type="checkbox"/> Summer Youth Programs Website | <input type="checkbox"/> Mind Trekkers event |
| <input type="checkbox"/> Friend | Date and Place _____ |
| <input type="checkbox"/> Catalog | <input type="checkbox"/> Other _____ |
| <input type="checkbox"/> Social Media | |

PARENT/GUARDIAN CONSENT

I approve of _____ applying to Michigan Tech’s
Pathway Program. *Print applicant name*

Signature _____ Date _____

STUDENT SIGNATURE

I attest that the information provided in this application is correct.

Signature _____ Date _____