



# PATHWAY PROGRAMS 2024 APPLICATION



Michigan  
Technological  
University

# PATHWAY PROGRAMS APPLICATION

## Michigan Tech Summer Youth Programs

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### 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 provided supplemental documents. 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 \$395\* 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, room and board, and round-trip SYP Charter Bus transportation from any SYP charter bus stop.

\*NEXT Scholars: Geospatial Engineering has 10 seats sponsored at \$0 registration fee.

### TRANSPORTATION

If accepted, round trip transportation via the SYP Charter bus is included from any stop along our route. To learn more about this service, please visit [mtu.edu/syp/plan/travel](http://mtu.edu/syp/plan/travel).

### 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 biweekly looking for involvement in extracurricular activities and outside interests or responsibilities, short responses to questions, supplemental documents, and school transcripts. Neatness, accuracy, and following directions will also be considered. The selection committee meets every two weeks to review applications.

### HOW TO APPLY

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

Applications are reviewed on a rolling basis with decisions made every two weeks. Visit [mtu.edu/syp](http://mtu.edu/syp) to register online and then send in your completed **Pathway Programs Application**, including the required **short response question**, a copy of your **unofficial school transcript**, and a **supplemental document** such as a teacher or coach's recommendation, certificate of achievement, or other file that highlights your passion for learning and exploration.

#### APPLICATION CHECKLIST

- |   |   |
|---|---|
| <input type="checkbox"/> Online Registration                        | <input type="checkbox"/> Supplemental Documents       |
| <input type="checkbox"/> Pathway Programs Application               | <input type="checkbox"/> Signature of Parent/Guardian |
| <input type="checkbox"/> Copy of your unofficial school transcripts | <input type="checkbox"/> Signature of applicant       |

**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](mailto:syp@mtu.edu)  
[mtu.edu/syp](http://mtu.edu/syp)

# PATHWAY PROGRAMS APPLICATION

Applications are reviewed on a rolling basis with decisions made every two weeks.

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		June 16 - 21	June 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

\* This program is contingent on external funding and applicants will be notified by May 1 if the program will run.

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 2024, 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 July 2024? \_\_\_\_\_

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
_____	_____	_____	_____	_____	_____
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 RESPONSES IN A SEPARATE DOCUMENT.**

The Pathway Program admissions committee approaches application review holistically. In 2-3 paragraphs, please identify an issue that you're passionate about changing and highlight what you hope to learn from participating in a Pathway Program that will aid you in making a difference.

**TRANSCRIPT SUBMISSION**

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.

**SUPPLEMENTAL DOCUMENTS**

Please provide a supplemental document for your application that highlights your passion for learning and exploration. This can include: Letters of Recommendation, Certificates of Achievement, Photo Essays, Videos, etc. Please also provide a brief explanation (1-2 paragraphs) explaining why you selected the supplemental document you did. Digital files should be emailed alongside this application to [syp@mtu.edu](mailto:syp@mtu.edu) with your name and "Pathway Program Application Materials" in the subject line.

**EDUCATOR SHOUT OUT**

Please provide us with the name and email address of an educator who has sparked your curiosity and inspired your passion for learning and exploration. We'd love to give them a shout-out for helping inspire the next generation of makers and doers.

Educator Name: \_\_\_\_\_

Educator Email: \_\_\_\_\_

**HOW DID YOU HEAR ABOUT OUR PROGRAM?**

- Counselor or Teacher
- I am a previous participant
- Summer Youth Programs Website
- Friend
- Catalog
- Social Media
- Internet Search
- Michigan Tech alumni or faculty/staff
- Mind Trekkers event  
Date and Place \_\_\_\_\_
- Other \_\_\_\_\_

**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 \_\_\_\_\_