



**COMPETITIVE SCHOLARSHIP PROGRAMS
2021 APPLICATION**

3M



**Michigan
Technological
University**

3M COMPETITIVE SCHOLARSHIP PROGRAMS APPLICATION

Michigan Tech Summer Youth Programs

OVERVIEW

The Women in Engineering (WIE) and Engineering Scholars Program (ESP) high school programs investigate engineering careers in mechanical, computer, environmental, electrical, chemical, biomedical, civil, geological, materials, and related disciplines. 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.

On campus program dates for the *Engineering Scholars Program* are **July 25-31, 2021** and dates for *Women in Engineering* are **August 1-7, 2021**.

HOW TO APPLY

The application deadline is 5 pm (EST), Friday, May 14, 2021. Late applications may be considered if additional scholarships become available. There are twenty five (25) scholarships available for the Women in Engineering program and twenty five (25) scholarships available for the Engineering Scholars Program. Complete this form or 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**.

COST

All selected participants receive a full scholarship valued at more than \$1,000, which covers all tuition, classroom supplies, and room and board. Transportation is also covered by this award.

TRANSPORTATION

Charter bus transportation is provided to and from campus for all recipients. The bus will depart from and return to the 3M Center. Further details will be provided to accepted students.

SELECTION CRITERIA

Participants are selected on a competitive basis. It's helpful to have a strong background in math and science and an interest in technological studies. 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. Students **must** be enrolled in one of the following high schools:

Como Park Senior High School
Harding Senior High School
Highland Park High School
Humboldt Senior High School
Johnson High School

Open World Learning Community
Park High School
St. Paul Central High School
Washington Technology Magnet School

Previous WIE or ESP participants are not eligible.

APPLICATION CHECKLIST

- | | |
|--|---|
| <input type="checkbox"/> Completed application | <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

Toll-free 888-773-2655
email: syp@mtu.edu
mtu.edu/syp

3M COMPETITIVE SCHOLARSHIP PROGRAMS APPLICATION

The application deadline is 5 pm (EST), Friday, May 14, 2021. 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.

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?

Rail and Intermodal Transportation (RIT)	<input type="checkbox"/>	Previously applied	<input type="checkbox"/>	Attended		
National Summer Transportation Institute (NSTI)	<input type="checkbox"/>	Previously applied	<input type="checkbox"/>	Attended		
Engineering Scholars Program (ESP)	<input type="checkbox"/>	Applying Now	<input type="checkbox"/>	Previously applied	<input type="checkbox"/>	Attended
Women in Engineering (WIE)	<input type="checkbox"/>	Applying Now	<input type="checkbox"/>	Previously applied	<input type="checkbox"/>	Attended
Junior Women in Engineering (JWIE)	<input type="checkbox"/>	Previously applied	<input type="checkbox"/>	Previously applied	<input type="checkbox"/>	Attended
If applying now for JWIE, please select preferred week:		<input type="checkbox"/>	July 18-24	<input type="checkbox"/>	July 25-31	
Women in Automotive Engineering (WIAE)	<input type="checkbox"/>	Previously applied	<input type="checkbox"/>	Previously applied	<input type="checkbox"/>	Attended
Women in Computer Science (WICS)	<input type="checkbox"/>	Previously applied	<input type="checkbox"/>	Previously applied	<input type="checkbox"/>	Attended
NEXT Scholars: Geospatial Engineering	<input type="checkbox"/>	Previously applied	<input type="checkbox"/>	Previously applied	<input type="checkbox"/>	Attended
Summer Youth Programs (SYP)	<input type="checkbox"/>	Applying this year	<input type="checkbox"/>	Previously applied	<input type="checkbox"/>	Attended

Which SYP Exploration? _____

Which program would you most like to attend? WIE or ESP? Please rank in order:

1. _____ 2. _____

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 2021? _____
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

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

PLEASE TYPE OR PRINT YOUR RESPONSES TO THE QUESTIONS BELOW ON A SEPARATE PIECE OF PAPER.

Be sure to put your full name and the 3M scholarship program at the top of the page.

1. List your current courses and the courses you plan to take next. Please explain which class you are looking forward to the most and why.
2. Describe your involvement in any extracurricular activities, hobbies, or community organizations.
3. Write a statement (**250 words or more**) discussing why it is important to you to have this experience for chosen programs.
4. What is a question or problem for our world you would like to investigate during your career? How do you hope to contribute to society?

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 highly competitive scholarship program that offers participants the chance to further explore fields of interest. Please address the following in your recommendation:

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

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 Competitive Scholarship Program and the 3M Scholarship.
Print applicant name

Signature _____ Date _____

STUDENT SIGNATURE

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

Signature _____ Date _____