WOMEN IN ENGINEERING WILL BE HELD ON THE CAMPUS OF MICHIGAN TECHNOLOGICAL UNIVERSITY JULY 26–AUGUST 1, 2020.

THIS IS YOUR OPPORTUNITY TO LEARN MORE ABOUT DIFFERENT FIELDS OF ENGINEERING AND EXPERIENCE UNIVERSITY LIFE.

PROGRAM INFORMATION

This high school program investigates engineering careers in mechanical, computer, environmental, electrical, chemical, biomedical, civil, geological, materials, and related disciplines.

- Work in teams to solve engineering problems and complete engineering projects.
- Explore engineering by constructing a building strong enough to withstand an earthquake and creating your own message encryptor (share secrets only your friends can read).
- Hear from female role models working in engineering fields.
- Learn about the college application process and tips for succeeding in university engineering programs.
- Experience college life—stay in a residence hall, explore campus, and meet other young women with similar backgrounds and interests.
- Enjoy team competitions, a variety show, and outdoor activities in Michigan’s Keweenaw Peninsula.

Arrangements can be made for you to speak with faculty from disciplines or areas of special interest, as well as admissions and financial aid staff. If this interests you, please let SYP staff know.

HOW TO APPLY

The application deadline is 11 PM, Friday, March 27, 2020. Late applications may be considered if additional scholarships become available. 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 to attend this program.

APPLICATION CHECKLIST

- Completed application
- Signature of applicant
- Short responses to questions
- Copy of unofficial school transcript
- Signature of parent or guardian
- Teacher recommendation letter

SUBMIT YOUR APPLICATION AND CONTACT OUR OFFICE WITH ANY QUESTIONS.

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

Toll-free 888-773-2655
wie@mtu.edu

mtu.edu/syp
3M Women in Engineering Application

Application deadline is 11 PM, Friday, March 27, 2020. 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

<table>
<thead>
<tr>
<th>First</th>
<th>M. I.</th>
<th>Last</th>
<th>Suffix (Jr., Sr., II, etc.)</th>
</tr>
</thead>
</table>

Preferred name/nickname ____________________________________________________

This is how your name will appear on your participant ID.

<table>
<thead>
<tr>
<th>HAVE YOU APPLIED TO OR ATTENDED ANY OF THESE PROGRAMS IN THE PAST? DO YOU PLAN TO APPLY?</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rail and Intermodal Transportation (RIT)</td>
</tr>
<tr>
<td>National Summer Transportation Institute (NSTI)</td>
</tr>
<tr>
<td>Engineering Scholars Program (ESP)</td>
</tr>
<tr>
<td>Women in Engineering (WIE)</td>
</tr>
<tr>
<td>Junior Women in Engineering (JWIE)</td>
</tr>
<tr>
<td>Women in Computer Science (WICS)</td>
</tr>
<tr>
<td>Summer Youth Programs (SYP)</td>
</tr>
</tbody>
</table>

Which SYP Exploration?

If you applied to other SYP scholarship programs for 2020, which would you most like to attend? Please rank in order:

1. _________________________   2. _________________________   3. _________________________   4. _________________________

CONTACT INFORMATION

Participant’s email ____________________________

Address/PO Box ____________________________

City _______________________________________

State/province ___________ ZIP or postal code ___________

Country ____________________________________

Phone ___________ Participant’s cell phone ___________

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.

<table>
<thead>
<tr>
<th>Name</th>
<th>Class year</th>
<th>Relation</th>
<th>Name</th>
<th>Class year</th>
<th>Relation</th>
</tr>
</thead>
</table>

PARENT/GUARDIAN INFORMATION:

<table>
<thead>
<tr>
<th>Parent first name</th>
<th>M. I.</th>
<th>Last name</th>
<th>Suffix</th>
<th>Relationship to applicant</th>
<th>Evening phone</th>
<th>Day phone</th>
<th>Cell phone</th>
<th>Email</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Parent first name</th>
<th>M. I.</th>
<th>Last name</th>
<th>Suffix</th>
<th>Relationship to applicant</th>
<th>Evening phone</th>
<th>Day phone</th>
<th>Cell phone</th>
<th>Email</th>
</tr>
</thead>
</table>

Is your address the same as the participant’s? ☐ Yes ☐ No

SCHOOL INFORMATION

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

<table>
<thead>
<tr>
<th>What grade will you have completed by June 2020?</th>
</tr>
</thead>
</table>

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.

*Schools eligible are listed in the selection criteria on previous page.

PLEASE TYPE OR PRINT YOUR SHORT RESPONSES TO THE QUESTIONS BELOW ON A SEPARATE PIECE OF PAPER. Be sure to put your full name and that you are applying for Women in Engineering 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? Why did you choose WIE?
4. What is a question or problem you would like to investigate during your career? How will engineering be a path to addressing this?
TEACHER RECOMMENDATION LETTER

STUDENTS: Have your high school science or math teacher write you a letter of recommendation; include it with this application.

TEACHERS: Women in Engineering is a highly competitive scholarship program that offers participants the chance to explore many fields of engineering. Please address the following in your recommendation:

- Why are you recommending this student for an engineering 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 name ___________________________________ School Address _____________________________ City/Zip ___________________________

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?

☐ 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 ______________________________

TRANSPORTATION

If you are selected, more information—including directions to Michigan Tech and specific charter bus drop-off and pick-up locations—will be sent in your Confirmation Packet. Please refer to our website mtu.edu/syp for more details on your transportation options.

How do you plan on arriving at WIE?
Check-in: Sunday, July 26—10 AM-2 PM EDT

☐ Car
☐ United Airlines: Houghton (CMX)
☐ SYP charter bus from 3M Center
☐ Other ______________________________

How do you plan on departing from WIE?
Checkout: Friday, July 31—5–9 PM and Saturday, August 1—9 AM-Noon EDT

☐ Car
☐ United Airlines: Houghton (CMX)
☐ SYP charter bus to 3M Center
☐ Other ______________________________

More details on your travel plans will be requested in your program Confirmation Packet.

PARENT/GUARDIAN CONSENT

I approve of ____________________________________________ applying to Michigan Tech’s Women in Engineering Program and the 3M Scholarship.

Signature __________________________________________ Date __________________________

STUDENT SIGNATURE

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

Signature __________________________________________ Date __________________________