WOMEN IN ENGINEERING WILL BE HELD ON THE CAMPUS OF MICHIGAN TECHNOLOGICAL UNIVERSITY JUNE 19–25, 2016.

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

PROGRAM INFORMATION

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

- Explore engineering by constructing a building strong enough to withstand an earthquake, creating your own message encryptor (share secrets only your friends can read), and more.
- Get the inside scoop from female role models working in engineering fields.
- Work in teams to solve engineering problems and complete engineering projects.
- 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 tons of outdoor activities in Michigan’s beautiful Keweenaw Peninsula.

Upon request, arrangements can be made for you to speak with faculty from disciplines or areas in which you have special interests, as well as admissions and financial aid staff.

HOW TO APPLY

The application deadline is 5:00 PM, Friday, April 1, 2016. For early acceptance, submit applications by March 1, 2016. Late applications may be considered if additional scholarships become available. You can also apply online or download additional applications at www.syp.mtu.edu. Send in your completed application, including a teacher recommendation, the required short responses to questions, and a copy of your unofficial school transcript.

COST

The nonrefundable registration fee of $295 is due within 10 days of being accepted 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.

TRANSPORTATION

You are responsible for your own transportation. Travel accommodations and charter bus information are included in the information you will receive once you are accepted.

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 11 or 12th grade who have had two years of high school math. However, outstanding younger students and those without these prerequisites will be considered. The selection committee also reviews 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.

APPLICATION CHECKLIST

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

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
Fax 906-487-1136
Email wie@mtu.edu

WWW.SYP.MTU.EDU
WOMEN IN ENGINEERING APPLICATION

ALL APPLICANTS MUST COMPLETE THIS FORM OR APPLY ONLINE.

Application deadline is 5:00 PM, Friday, April 1, 2016. For early acceptance, submit application by March 1, 2016. Late applications may be considered if additional scholarships become available.

THERE ARE TWO WAYS TO APPLY: online at www.syp.mtu.edu or by mail (see below).

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 $295 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  Middle  Last  Suffix (Jr., Sr., II, etc.)

Preferred name/nickname _________________________________________________________________________________________________

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

HAVE YOU APPLIED TO OR ATTENDED ANY OF THESE PROGRAMS IN THE PAST? DO YOU PLAN TO APPLY?

National Summer Transportation Institute (NSTI)  □ Previously applied  □ Attended  □ Plan to apply

Engineering Scholars Program (ESP)  □ Previously applied  □ Attended  □ Plan to apply

Women in Engineering (WIE)  □ Previously applied  □ Attended  □ Plan to apply

Women in Computer Science (WICS)  □ Previously applied  □ Attended  □ Plan to apply

Summer Youth Programs (SYP)  □ Previously applied  □ Attended  □ Plan to apply

Which SYP Exploration? _________________________________________

If you applied to other SYP scholarship programs for 2016, 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 ____________________________________________

County ______________________________________________________

Country _____________________________________________________

Telephone ___________________________________________________

Participant’s cell phone _______________________________________ 

PARENT/GUARDIAN INFORMATION—EACH PARENT/GUARDIAN MUST FILL OUT THE FOLLOWING:

Parent first name  Middle name  Last name  Suffix

Relationship to applicant _____________________________________

Evening phone _______________________________________________

Day phone ___________________________________________________

Cell phone __________________________________________________

Email _______________________________________________________

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

PERSONAL INFORMATION

Gender _______________ Birth date ____________ Age __________

SCHOOL INFORMATION

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

_______________________________________________________________

What grade will you have completed by June 2016? __________

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.

Please type or print your short responses to the questions below on a separate piece of paper.

Be sure to put your full name at the top of the page and that you are applying for the Women in Engineering.

1. List the courses you are currently taking and the courses you plan to take next year in high school or college.

2. Describe your goals for the next five years and the next 10 years.

3. List any extracurricular activities, hobbies, or community organizations you are involved in.

4. Write a brief statement (150 words or more) discussing why you would like to attend this program and what you would like to gain from this experience.
TEACHER RECOMMENDATION LETTER

Women in Engineering is a highly competitive scholarship program that offers participants the chance to explore many fields of engineering. Students should be recommended to attend if you believe they have the aptitude to engage in technological studies and would benefit from this experience.

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

SCHOOL TRANSCRIPT

Enclose your most recent transcript ( unofficial versions are accepted) of your high school course work 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
☐ Previous participant
☐ Summer Youth Programs website
☐ Friend
☐ Catalog
☐ Social Media
☐ Internet search
☐ Michigan Tech alumni or faculty/staff
☐ Mind Trekkers event
☐ Other ________________________________
Date and place ________________________________

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 for more details on your transportation options.

When do you plan on arriving at Michigan Tech?
Check-in: Sunday, June 19—10:00 AM–2:00 PM EDT
Day ____________ Time ______________________
How do you plan on arriving at Michigan Tech?
☐ Car
☐ United Airlines: Houghton (CMX)
   Flight number __________ Arrival time __________
☐ SYP charter bus
   Please pick me up in: ○ Lansing ○ Detroit
   ○ Bay City ○ Gaylord ○ St. Ignace
   Pickup will be the Saturday evening prior to the program start date.
☐ Other ________________________________

When do you plan on departing from Michigan Tech?
Checkout: Friday, June 24—5:00–11:00 PM and Saturday, June 25—9:00 AM–12:00 PM EDT
Day ____________ Time ______________________
How do you plan on departing from Michigan Tech?
☐ Car
☐ United Airlines: Houghton (CMX)
   Flight number __________ Departure time __________
☐ SYP charter bus
   Please drop me off in: ○ Lansing ○ Detroit
   ○ Bay City ○ Gaylord ○ St. Ignace
   Departure from Michigan Tech will be the Friday evening following the program.
☐ Other ________________________________

Please note: If you will be arriving before the program begins or departing after its conclusion, there is an additional fee.
See website for details: www.syp.mtu.edu.

PARENT/GUARDIAN CONSENT

I approve of ________________________________ applying to Michigan Tech’s
Women in Engineering program.

Signature ________________________________ Date _________________________

STUDENT SIGNATURE

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

Signature ________________________________ Date _________________________