JUNIOR WOMEN IN ENGINEERING
Michigan Tech Summer Youth Programs

JUNIOR WOMEN IN ENGINEERING WILL BE HELD ON THE CAMPUS OF MICHIGAN TECHNOLOGICAL UNIVERSITY JULY 15–21, 2018.

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

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

- Discover whether metal has a memory.
- Hear from female role models working in engineering fields.
- Work in teams to complete engineering projects.
- Design and build bridges, gliders, and prosthetic legs.
- Learn how to purify water.
- 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.

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 5 PM, Tuesday, April 10, 2018. Late applications may be considered if additional scholarships become available. Visit syp.mtu.edu to apply online or to download additional applications. 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 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.

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
Students must have completed grade 6, 7, or 8 as of June 2018 to be eligible. 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 8th grade. 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.

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

CONTACT OUR OFFICE WITH ANY QUESTIONS.
Michigan Tech Summer Youth Programs–JWIE
Administration Building 217
1400 Townsend Drive
Houghton, MI 49931-1295

syp.mtu.edu
JUNIOR WOMEN IN ENGINEERING APPLICATION

ALL APPLICANTS MUST COMPLETE THIS FORM OR APPLY ONLINE AT SYP.MTU.EDU

Application deadline is 5 PM, Tuesday, April 10, 2018. 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 $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 M. I. Last Suffix (Jr., Sr., II, etc.)
Preferred name/nickname __________________________________________________________________________________________

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

Junior Women in Engineering (JWIE)  □ 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 2018, 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 __________________________
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.

Name ___________________________ Class year ___________ Relation ____________________________
Name ___________________________ Class year ___________ Relation ____________________________
Name ___________________________ Class year ___________ Relation ____________________________

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

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

SCHOOL INFORMATION

What is the name of the school you attended this year? __________________________
What grade will you have completed by June 2018? ________________
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 and that you are applying for Junior Women in Engineering at the top of the page.

1. List the courses you are currently taking and the courses you plan to take next year.
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

TEACHERS: Junior 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.

STUDENTS: Have your middle 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 middle 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 ☐ Previous participant
☐ Summer Youth Programs website ☐ Friend
☐ Catalog ☐ Other
☐ Internet search ☐ Michigan Tech alumni or faculty/staff
☐ Mind Trekkers event ☐ 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, July 15—10 AM-2 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:
   ○ Bay City ○ Gaylord* ○ St. Ignace*
   ○ Kalamazoo ○ Chicago ○ Grand Rapids
   ○ Lansing ○ Rochester ○ Novi
   Pickup will be the Saturday evening prior to the program start date.
☐ Other __________________________

Charter bus: $275 round-trip; $175 one-way
*Gaylord and St. Ignace: $225 round-trip; $125 one-way

When do you plan on departing from Michigan Tech?
Checkout: Friday, July 20—5–9 PM and Saturday, July 21—9 AM-Noon 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:
   ○ Bay City ○ Gaylord* ○ St. Ignace*
   ○ Kalamazoo ○ Chicago ○ Grand Rapids
   ○ Lansing ○ Rochester ○ Novi
   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 checkout ends, there is an additional fee. No late departures or stay-overs June 30 or August 4. See website for details (syp.mtu.edu).

PARENT/GUARDIAN CONSENT

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

Signature ____________________________ Date ____________________________

STUDENT SIGNATURE

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

Signature ____________________________ Date ____________________________

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