WOMEN IN AUTOMOTIVE ENGINEERING
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Michigan Tech Summer Youth Programs


THIS IS YOUR OPPORTUNITY TO LEARN ABOUT AUTOMOTIVE ENGINEERING AND EXPERIENCE UNIVERSITY LIFE.

PROGRAM INFORMATION
In this exploration, you’ll investigate engineering careers in the automotive industry, including mechanical and electrical aspects.

• Explore engineering with our mechanical engineering department, tour student design team labs, and learn the expanded basics of engines and other vehicle technology.
• Hear 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 outdoor activities in Michigan’s beautiful 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 5 p.m., Monday, April 10, 2017. Late applications may be considered if additional scholarships become available. You can also apply online or download additional applications at 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 11th or 12th grade who have had two years of high school math and one year of chemistry. 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 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–WIAE
Administration Building 217
1400 Townsend Drive
Houghton, MI 49931-1295

Toll-free 888-773-2655
Fax 906-487-1136
Email wie@mtu.edu

SYP.MTU.EDU
WOMEN IN AUTOMOTIVE ENGINEERING APPLICATION

ALL APPLICANTS MUST COMPLETE THIS FORM OR APPLY ONLINE.

Application deadline is 5 p.m., Monday, April 10, 2017.
Late applications may be considered if additional scholarships become available.

THERE ARE TWO WAYS TO APPLY: online at 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)  
Engineering Scholars Program (ESP)  
Women in Engineering (WIE)  
Women in Computer Science (WICS)  
Summer Youth Programs (SYP)  
Which SYP Exploration? ___________________________________________

If you applied to other SYP scholarship programs for 2017, 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 _________________________________________

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 2017? __________
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.

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

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 Automotive 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 Automotive 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  ☐ Internet search
☐ Previous participant  ☐ Michigan Tech alumni or faculty/staff
☐ Summer Youth Programs website  ☐ Mind Trekkers event
☐ Friend  Date and place ______________________
☐ Catalog  ☐ Other _____________________________
☐ Social Media

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 23—10 a.m.–2 p.m. 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  ○ Wixom
   Pickup will be the Saturday evening prior to the program start date.
☐ Other ________________________________________________

When do you plan on departing from Michigan Tech?
Checkout: Friday, July 28—5–11 p.m. and Saturday, July 29—9 a.m.–12 p.m. 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  ○ Wixom
   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. No late departures or stay-overs July 1 or July 29. See website for details (syp.mtu.edu).

PARENT/GUARDIAN CONSENT

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

Applicant name

Signature ________________________________ Date ________________________________

STUDENT SIGNATURE

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

Signature ________________________________ Date ________________________________