ENGINEERING SCHOLARS PROGRAM
Michigan Tech Summer Youth Programs

THE ENGINEERING SCHOLARS PROGRAM WILL BE HELD ON
THIS IS YOUR OPPORTUNITY TO LEARN MORE ABOUT ENGINEERING AND SCIENCE.

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 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 others 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 5 p.m., Monday, April 10, 2017. For early acceptance, submit applications by March 1, 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 if you are accepted.

SELECTION CRITERIA
Participants are selected on a competitive basis. It is 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–ESP
Administration Building 217
1400 Townsend Drive
Houghton, MI 49931-1295

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

SYP.MTU.EDU
ENGINEERING SCHOLARS PROGRAM APPLICATION

ALL APPLICANTS MUST COMPLETE THIS FORM OR APPLY ONLINE.

Application deadline is 5 p.m., Monday, April 10, 2017. For early acceptance, submit application by Wednesday, March 1, 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)  □ 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 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 _________________________________________

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 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.

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 Engineering Scholars Program.

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

The Engineering Scholars Program is highly competitive and 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 your transcript.

HOW DID YOU HEAR ABOUT OUR PROGRAM?

☐ Counselor or teacher  ☐ Internet search  ☐ Michigan Tech alumni or faculty/staff  ☐ Mind Trekkers event
☐ Previous participant  ☐ Date and place ____________________________
☐ Summer Youth Programs website  ☐ Mind Trekkers event  ☐ Michigan Tech alumni or faculty/staff
☐ Friend  ☐ Other ____________________________
☐ Catalog  ☐ Michigan Tech alumni or faculty/staff
☐ Social Media  ☐ 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 for more details on your transportation options.

When do you plan on arriving at Michigan Tech?
Check-in: Sunday, June 25–10 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, June 30–5–11 p.m. and Saturday, July 1–9 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 Engineering Scholars Program.

Applicant name

Signature __________________________________________________________________________ Date ________________

STUDENT SIGNATURE

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

Signature __________________________________________________________________________ Date ________________