

WOMEN IN ENGINEERING

June 24–30, 2012 • Grades 9–11
www.youthprograms.mtu.edu



... where college begins!

WOMEN IN ENGINEERING

Michigan Tech Youth Programs ... where college begins!

WOMEN IN ENGINEERING WILL BE HELD ON THE CAMPUS OF
MICHIGAN TECHNOLOGICAL UNIVERSITY JUNE 24–30, 2012.

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

PROGRAM INFORMATION

This program is a weeklong investigation of engineering careers in areas such as 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 complete group 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 talk 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, May 11, 2012. Late applications may be considered if additional scholarships become available. You can also apply online or download additional applications at www.youthprograms.mtu.edu. Send in your completed **application**, including a **teacher recommendation** and signatures; the required **short responses to questions**; and a copy of your **school transcript**.

COST

All selected participants receive a scholarship valued at over \$1,000, which covers all tuition, classroom supplies, and room and board. The nonrefundable registration fee of \$195 is due within ten days of being accepted into the program. **Do not send in your payment with your application.** We must receive your registration fee to complete your enrollment and guarantee your spot.

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 math and science background and an interest in technological studies. Preference will be given to applicants entering eleventh and twelfth grades 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 in mid-May to review applications.

APPLICATION CHECKLIST

- | | |
|--|---|
| <input type="checkbox"/> Complete application | <input type="checkbox"/> Signature of applicant |
| <input type="checkbox"/> Short responses to questions | <input type="checkbox"/> Official school transcript |
| <input type="checkbox"/> Signature of parent or guardian | <input type="checkbox"/> Teacher recommendation |

CONTACT OUR OFFICE WITH ANY QUESTIONS.

Michigan Tech—WIE
1400 Townsend Drive
Houghton, MI 49931-1295

Toll-free 1-888-773-2655
Fax 1-906-487-1136
Email wie@mtu.edu

WWW.YOUTHPROGRAMS.MTU.EDU

APPLICATION

ALL APPLICANTS MUST COMPLETE AND RETURN THIS FORM.

Application deadline is 5:00 PM, Friday, May 11, 2012!

Late applications may be considered if additional scholarships become available.

THERE ARE TWO WAYS TO APPLY: Online: www.youthprograms.mtu.edu • By mail: see below.

Please complete both sides of this application and send it with your transcript and short responses to questions. Payment form and \$195 registration fee will be due within ten 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?

National Summer Transportation

Institute (NSTI)

Applied Attended

Engineering Scholars Program (ESP)

Applied Attended

Women in Engineering (WIE)

Applied Attended

Summer Youth Programs (SYP)

Applied Attended

What Exploration? _____

CONTACT INFORMATION

Participant's email _____

Street _____

City _____

State/province _____

ZIP or postal code _____

County _____

Country _____

Telephone _____

(International Students: please provide an international fax number.)

Country code

City code

Local number

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 2012? _____

ROOMMATE REQUEST

Roommate requests are honored whenever possible. However, both friends must request each other. If you request to room with a friend, but your friend does not request you, you will not be placed together, and it will not be possible to switch rooms when you arrive.

If possible, I would like to room with (friend's name): _____

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

Relationship to applicant _____

First name Middle name Last name Suffix

Evening phone _____

Day phone _____

Cell phone _____

Email _____

Relationship to applicant _____

First name Middle name Last name Suffix

Evening phone _____

Day phone _____

Cell phone _____

Email _____

PLEASE TYPE OR PRINT YOUR SHORT RESPONSES TO THE FOLLOWING QUESTIONS ON A SEPARATE PIECE OF PAPER.

Be sure to put your full name at the top of the page.

1. List the courses you are currently taking and courses you plan to take next year in high school or college.
2. Describe your goals for the next five years and the next ten years.
3. List any extracurricular activities, hobbies, or community organizations with which you are involved.
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

Have your high school science or math teacher complete this section.

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.

COMMENTS

Signature _____ Date _____

Title _____

SCHOOL TRANSCRIPT

Enclose your most recent, official, updated transcript of all your high school course work through the first semester of this year. In addition, indicate the following in the space provided.

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 the official transcripts.)

HOW DID YOU HEAR ABOUT OUR PROGRAM?

- | | |
|---|--|
| <input type="checkbox"/> Counselor or teacher | <input type="checkbox"/> Catalog |
| <input type="checkbox"/> Previous participant | <input type="checkbox"/> Internet search |
| <input type="checkbox"/> Youth Programs website | <input type="checkbox"/> Michigan Tech alumni or faculty/staff |
| <input type="checkbox"/> Poster | <input type="checkbox"/> MIND TREKKERS |
| <input type="checkbox"/> Friend | <input type="checkbox"/> Other _____ |

TRANSPORTATION

Once 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 TO ARRIVE?

Day _____ Time _____

WHEN DO YOU PLAN TO DEPART?

Day _____ Time _____

HOW DO YOU PLAN TO ARRIVE?

- Charter bus
Please pick me up in: Lansing Detroit
 Bay City Gaylord
- Car
- Private plane
- SkyWest Airlines: Houghton (CMX)
Flight number _____
Day _____ Time _____

HOW DO YOU PLAN TO DEPART?

- Charter bus
Please drop me off at: Lansing Detroit
 Bay City Gaylord
- Car
- Private plane
- SkyWest Airlines: Houghton (CMX)
Flight number _____
Day _____ Time _____

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.

ALL STUDENTS ARE REQUIRED TO REGISTER BETWEEN 9:00 AM AND 2:00 PM ON SUNDAY, JUNE 24.

PARENT/GUARDIAN CONSENT

I approve of _____ applying for Women in Engineering.

Applicant name

Signature _____ Date _____

STUDENT SIGNATURE

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

Signature _____ Date _____