WOMEN IN COMPUTER SCIENCE
Michigan Tech Summer Youth Programs . . . where college begins!

WOMEN IN COMPUTER SCIENCE WILL BE HELD ON THE CAMPUS OF MICHIGAN TECHNOLOGICAL UNIVERSITY JUNE 26–JULY 2, 2016.

THIS IS YOUR OPPORTUNITY TO LEARN MORE ABOUT COMPUTER SCIENCE AND EXPERIENCE UNIVERSITY LIFE.

PROGRAM INFORMATION
This program is a discovery of the fascinating field of computer science, which is now an integral part of our lives.

• Experience different areas of computing, including programming, artificial intelligence, data mining, virtual reality, visualization, networks, and security.
• Learn about the many career opportunities in computing.
• Explore job prospects in a wide range of industries.
• Interact with alumni and role models to get firsthand accounts of the diverse careers in computing.
• Experience college life—stay in a residence hall, explore campus, and meet other young women with similar backgrounds and interests.

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. 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 $100 is due within 10 days of acceptance. 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 $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’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 and demonstrated a strong interest in computing. 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 deadline 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—WICS
Administration Building 217
1400 Townsend Drive
Houghton, MI 49931-1295

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

WWW.SYP.MTU.EDU
WOMEN IN COMPUTER SCIENCE APPLICATION

ALL APPLICANTS MUST COMPLETE THIS FORM OR APPLY ONLINE.

Application deadline is 5:00 pm, Friday, April 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 and short responses to questions.
The payment form and $100 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

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 Women in Computer Science.

1. List the courses you are currently taking and the courses you plan to take next year.
2. If you have taken any computing courses, please describe what you learned.
3. Tell us about the kinds of things you have done with computing outside of the classroom.
4. Tell us about your current career plans; for instance, what career options are you considering and how certain or uncertain are you about your career plans?
5. Do you know anyone in a computing profession? If so, what is their relationship to you and what do they do?
6. List any extracurricular activities, hobbies, or community organizations with which you are involved.
7. 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 Computer Science is a highly competitive scholarship program that offers participants the chance to explore computing. Students should be recommended to attend if they have the aptitude to engage in technological studies and would benefit from this experience.

Have your high school science, math, or computing teacher write 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 ____________________________

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 26, 2016—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, July 1—5:00–11:00 PM and Saturday, July 2—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 Computer Science program.

Applicant name

Signature ____________________________ Date ____________________________

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

Signature ____________________________ Date ____________________________