

GENCYBER SUMMER PROGRAM

Michigan Tech Summer Youth Programs

Spend a week at Michigan Technological University this summer through the GenCyber program! This is an opportunity for students from the Keweenaw area to enjoy an exciting weeklong exploration in cybersecurity and experience university life.

THE GENCYBER PROGRAM WILL BE HELD ON MICHIGAN TECH CAMPUS THE WEEK OF JUNE 16-21, 2019

PROGRAM INFORMATION The GenCyber camp is a week-long day camp that will focus on increasing student interest in cyber security by teaching cybersecurity knowledge and safe online behavior. Camp participants will engage in hands-on explorations of the many aspects of security including encryption, ethics, networks, phishing, social engineering, and use of the Raspberry Pi system.

Camp participants will explore the world of cybersecurity with experts in the field through fun, real-world learning experiences enhanced by close teacher-student interaction. Camp activities include hands-on exercises, interactive lectures, games, career exploration, and campus tours.

This is a commuter-only program offered at no cost to all participants. A typical camp day starts at 9 am and ends at 4:30 pm. Breakfast (7am - 9am) and lunch (12pm - 1pm) will be provided to camp participants at no extra charge.

Funding of the camp is provided jointly by the National Security Agency (NSA) and the National Science Foundation (NSF) through an award received by Michigan Tech. For more information, please visit <https://www.mtu.edu/gencyber>

HOW TO APPLY The application deadline is 5:00 PM, May 31, 2019. Late applications may be considered but this scholarship will be awarded on a first-come, first-served basis and with consideration for the strength of the application. **Due to the limited availability of seats, early registration is strongly recommended.** Send your completed **application**, including the **signed application form** and the required **short responses to questions**. To submit, email these items to syp@mtu.edu or mail to the contact info at the bottom of this page.

COST All camp activities are offered at no cost to all participants. Students are responsible for their own transportation to and from campus every day, which may include paying for parking meters or a week-long guest parking permit if driving themselves.

SELECTION CRITERIA Open to students who are currently in grades 7 -12, with preference given to students from Keweenaw, Houghton, Baraga, Ontonagon and Gogebic Counties. Participants are selected on a competitive basis. It's helpful to have a background in math and science and a strong interest in computing and cybersecurity. Women and underrepresented minority groups in STEM are strongly encouraged to apply.

APPLICATION CHECKLIST

<input type="checkbox"/> Completed application	<input type="checkbox"/> Signature of applicant
<input type="checkbox"/> Short responses to questions	<input type="checkbox"/> Signature of parent or guardian

SUBMIT YOUR APPLICATION AND CONTACT OUR OFFICE WITH ANY QUESTIONS.

Michigan Tech Summer Youth Programs
Attn: GenCyber Scholarship
1400 Townsend Dr.
Houghton, MI 49931

Toll-free: 888-773-2655
Office: 906-487-2219
Email: syp@mtu.edu

mtu.edu/syp and mtu.edu/gencyber

GENCYBER PROGRAM

Application deadline is 5:00 PM, May 31, 2019. Late applications may be considered if additional scholarships become available.

Please complete both sides of this application!

Legal name _____
First M. I. Last Suffix (Jr., Sr., II, etc.)

Preferred name/nickname _____

This is how your name will appear on your participant ID.

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 _____ T-shirt size: Small Medium Large XL

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 Name Class year Relation

SCHOOL INFORMATION

What is the name of the school you attended this year? _____

What grade will you have completed by June 2019? _____

Cumulative GPA _____

Note: If your school uses a grading system other than the 4.0 scale, please attach a short explanation.

PARENT/GUARDIAN INFORMATION:

Parent first name M. I. Last name Suffix

Parent first name M. I. Last name Suffix

Relationship to applicant _____

Relationship to applicant _____

Evening phone _____ Day phone _____

Evening phone _____ Day phone _____

Cell phone _____ Email _____

Cell phone _____ Email _____

Is your address the same as the participant's? Yes No

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 and that you are applying for the Michigan Tech GenCyber Student Camp at the top of the page.

1. List the courses you are currently taking, as well as the courses you plan to take next year.
2. If you have taken any computer or technology classes, describe what you have learned and what you found interesting.
3. Tell us about the kinds of things you have done with computer outside of the classroom.
4. Tell us about your future career plans; for instance, what careers are you considering? How certain or uncertain are you about your career plans?
5. Do you know anyone in a computer science-related 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 (100-200 words) discussing why you would like to attend this program.

HOW DID YOU HEAR ABOUT OUR PROGRAM? (CIRCLE ONE)

- | | |
|-------------------------------|---------------------------------------|
| Counselor or teacher | Internet search |
| I am a previous participant | Email |
| Flyer | 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—will be sent in your Confirmation Packet. Please refer to our website for more details on your transportation options.

How do you plan on arriving at SYP? (circle one)

Check-in: Sunday, June 16—10 AM-2 PM EDT

- Car _____
- Other _____

How do you plan on departing from SYP? (circle one)

Checkout: Friday, June 21—5-9 PM

- Car _____
- Other _____

PARENT/GUARDIAN CONSENT

I approve of _____ applying for the GenCyber program.

Signature _____ Date _____

STUDENT SIGNATURE

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

Signature _____ Date _____