

SUMMER YOUTH PROGRAMS 2017

RAIL AND INTERMODAL
TRANSPORTATION

RIT



UNIVERSITY of WISCONSIN
Superior

"The Superior Fleet"
Halvor
LINES!

IANA

NURail Center



Michigan
Technological
University



RAIL AND INTERMODAL TRANSPORTATION PROGRAM



Michigan Tech Summer Youth Programs

THE RAIL AND INTERMODAL TRANSPORTATION PROGRAM WILL BE HELD ON THE CAMPUS OF MICHIGAN TECHNOLOGICAL UNIVERSITY JULY 9-15, 2017.

PROGRAM INFORMATION

This high school program, a collaboration by Michigan Tech's Rail Transportation Program and the Transportation and Logistics Management Program at University of Wisconsin-Superior, investigates rail and intermodal transportation.

- Learn about and ride trains—the green transportation alternative.
- Find out why trucks, ships, and trains are so important to our economy.
- Learn about advancements in railroad technology, like alternative fuels and advanced train control systems.
- Enjoy technical tours to rail and intermodal facilities in Marquette and Duluth.
- Work in teams to complete group projects.
- Experience college life on two campuses—stay in a residence hall, explore campus, and meet others with similar backgrounds and interests.
- Enjoy Michigan's Keweenaw Peninsula and the shores of Lake Superior.

Enrollment in this program is based on applicant qualifications. Application deadline is 5 p.m., Monday, May 1, 2017. Send in your completed **application**, including a **teacher recommendation**, the required **short responses to questions**, and a copy of your **unofficial school transcript**. Applications can be accessed online at syp.mtu.edu.

COST

Participants in the Rail and Intermodal Transportation Program will receive a scholarship valued at \$550; the overall program is valued at \$1,000. A nonrefundable \$100 registration fee is due within 10 days of acceptance. The remaining balance of \$350 is due before June 1, 2017.

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. Transportation funding may be provided on an individual basis.

APPLICATION CHECKLIST

- | | |
|--|---|
| <input type="checkbox"/> Completed application | <input type="checkbox"/> Signature of applicant |
| <input type="checkbox"/> Short responses to questions | <input type="checkbox"/> Copy of unofficial school transcript |
| <input type="checkbox"/> Signature of parent or guardian | <input type="checkbox"/> Teacher recommendation letter |
| <input type="checkbox"/> GPA of 3.0 or higher (on a 4.0 scale) | |

CONTACT OUR OFFICE WITH ANY QUESTIONS.

Michigan Tech Summer Youth Programs—RIT
Administration Building 217
1400 Townsend Drive
Houghton, MI 49931-1295

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

SYP.MTU.EDU

RAIL AND INTERMODAL TRANSPORTATION PROGRAM APPLICATION

ALL APPLICANTS MUST COMPLETE THIS FORM OR APPLY ONLINE.

Application deadline is 5 p.m., Monday, May 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.

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)	<input type="checkbox"/> Previously applied	<input type="checkbox"/> Attended	<input type="checkbox"/> Plan to apply
Engineering Scholars Program (ESP)	<input type="checkbox"/> Previously applied	<input type="checkbox"/> Attended	<input type="checkbox"/> Plan to apply
Women in Engineering (WIE)	<input type="checkbox"/> Previously applied	<input type="checkbox"/> Attended	<input type="checkbox"/> Plan to apply
Women in Computer Science (WICS)	<input type="checkbox"/> Previously applied	<input type="checkbox"/> Attended	<input type="checkbox"/> Plan to apply
Summer Youth Programs (SYP)	<input type="checkbox"/> Previously applied	<input type="checkbox"/> Attended	<input type="checkbox"/> 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 _____

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

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 Rail and Intermodal Transportation Program.

1. List any extracurricular activities, hobbies, or community organizations you are involved in.
2. Why do you want to be a part of this program, and what do you hope to gain from this experience?
3. Describe your goals for the next five years and the next 10 years.
4. What makes you a good candidate for this program?

TEACHER RECOMMENDATION LETTER

Michigan Tech's Rail and Intermodal Transportation Summer Youth Program offers scholarships to high-achieving students with an interest in transportation. 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 or math teacher write you a letter of recommendation; include it with this application.

SCHOOL TRANSCRIPT

Enclose your most recent unofficial transcript 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?

- | | |
|--|--|
| <input type="checkbox"/> Counselor or teacher | <input type="checkbox"/> Internet search |
| <input type="checkbox"/> Previous participant | <input type="checkbox"/> Michigan Tech alumni or faculty/staff |
| <input type="checkbox"/> Summer Youth Programs website | <input type="checkbox"/> Mind Trekkers event |
| <input type="checkbox"/> Friend | Date and place _____ |
| <input type="checkbox"/> Catalog | <input type="checkbox"/> Other _____ |
| <input type="checkbox"/> 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 9–10 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 14–5-11 p.m. and
Saturday, July 15–9 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, there is an additional fee. See website for details: syp.mtu.edu.

PARENT/GUARDIAN CONSENT

I approve of _____ applying to Michigan Tech's Rail and Intermodal
Applicant name

Transportation program.

Signature _____ Date _____

STUDENT SIGNATURE

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

Signature _____ Date _____