

# SUMMER YOUTH PROGRAMS

RAIL AND INTERMODAL  
TRANSPORTATION

RIT

2019



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 7-13, 2019.

### PROGRAM INFORMATION

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

- 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, Michigan, and Duluth, Minnesota
- Work in teams to complete group projects.
- Experience college life on two campuses—stay in residence halls, explore two campuses, 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 PM, Wednesday, May 1, 2019. Send in your completed **application**, including a **teacher recommendation**, the required **short responses to questions**, and a copy of your **unofficial school transcript**. Visit [mtu.edu/syp](http://mtu.edu/syp) to apply online or to download additional applications.

### 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, 2019.

### 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.

**Note:** This course involves overnight travel during the week. Additional waivers may be requested before the start of program.

**Previous Rail and Intermodal Transportation participants are not eligible to attend this program.**

### 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  
[rit@mtu.edu](mailto:rit@mtu.edu)

[mtu.edu/syp](http://mtu.edu/syp)

# RAIL AND INTERMODAL TRANSPORTATION PROGRAM APPLICATION

Application deadline is 5 PM, Wednesday, May 1, 2019. Late applications may be considered if additional scholarships become available.

Please complete both sides of this application and send it with your unofficial transcript, teacher recommendation, and short responses to questions.

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.*

## HAVE YOU APPLIED TO OR ATTENDED ANY OF THESE PROGRAMS IN THE PAST? DO YOU PLAN TO APPLY?

Rail and Intermodal Transportation (RIT)	<input type="checkbox"/> Previously applied	<input type="checkbox"/> Attended	<input type="checkbox"/> 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
Junior Women in Engineering (JWIE)	<input type="checkbox"/> Previously applied	<input type="checkbox"/> Attended	
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 2019, 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 \_\_\_\_\_  
 Phone \_\_\_\_\_ Participant's cell phone \_\_\_\_\_

## SCHOOL INFORMATION

What is the name of the school you attended this year? \_\_\_\_\_  
 What grade will you have completed by June 2019? \_\_\_\_\_  
 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.

## PERSONAL INFORMATION

Gender \_\_\_\_\_ Birth date \_\_\_\_\_ Age \_\_\_\_\_

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 _____

## PARENT/GUARDIAN INFORMATION:

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? <input type="checkbox"/> Yes <input type="checkbox"/> No		Is your address the same as the participant's? <input type="checkbox"/> Yes <input type="checkbox"/> 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.**

- List the courses you are currently taking and the courses you plan to take next year.
- Describe your goals for the next five years and the next 10 years. What problem(s) do you hope to solve during your career?
- Describe your involvement in any extracurricular activities, hobbies, or community organizations.
- Write a brief statement (**150 words or more**) discussing why it is important to you to have this experience?

## TEACHER RECOMMENDATION LETTER

STUDENTS: Have your high school science or math teacher write a letter of recommendation; include it with this application.

TEACHERS: Michigan Tech's Rail and Intermodal Transportation Summer Youth Program offers scholarships to high-achieving students with an interest in transportation. Please address the following in your recommendation:

- Why are you recommending this student for a transportation program?
- Provide an example of the academic and personal traits illustrating this student's potential.
- How would this student benefit from this experience?

Teacher name \_\_\_\_\_ Subject \_\_\_\_\_ Email \_\_\_\_\_

## SCHOOL TRANSCRIPT

Enclose your most recent transcript (unofficial versions are accepted) of your high school coursework 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.

### How do you plan on arriving at RIT?

**Check-in: Sunday, July 7–10 AM-2 PM EDT**

- Car
- United Airlines: Houghton (CMX)
- SYP charter bus
- Please pick me up in:
- Bay City     Gaylord\*     Lansing     Novi

Charter bus: \$275 round-trip; \$175 one-way

\*Gaylord: \$225 round-trip; \$125 one-way

Pickup will be the Saturday evening prior to the program start date.

Other \_\_\_\_\_

### How do you plan on departing from RIT?

**Checkout: Friday, July 12–5-9 PM and Saturday, July 13–9 AM-Noon EDT**

- Car
- United Airlines: Houghton (CMX)
- SYP charter bus
- Please drop me off at:
- Bay City     Gaylord     Lansing     Novi

Drop off is Saturday morning, time depending on location. Bus departs from Michigan Tech on Friday at 10 PM.

Other \_\_\_\_\_

**More details on your travel plans will be requested in your program Confirmation Packet.**

**Please note:** If you will be arriving before the program begins or departing after checkout ends, there is an additional fee. See website for details (mtu.edu/syp).

## PARENT/GUARDIAN CONSENT

I approve of \_\_\_\_\_ applying to Michigan Tech's Rail and Intermodal Transportation Program.

*Print applicant name*

Signature \_\_\_\_\_ Date \_\_\_\_\_

## STUDENT SIGNATURE

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

Signature \_\_\_\_\_ Date \_\_\_\_\_