



TRAC provides teachers with free hands-on tools for STEM (science, technology, engineering, and science), in addition to social science.

**Registration:**

Please register by contacting:  
Loret Roberts, CCISD  
906-482-0331  
[Loret@copperisd.org](mailto:Loret@copperisd.org)

**Space is limited**  
to first 15 registrants.

**Workshop Questions:**

Joan Chadde, Program Coord.  
WUP Center for Science, Math,  
Env. Education and Michigan  
Technological University  
906-487-3341  
[jchadde@mtu.edu](mailto:jchadde@mtu.edu)

Note: This course is aligned  
with the Michigan [School  
Improvement Framework](#)

- I.ST2.BEB.KC3
- I.ST2.BEB.KC2
- I.ST2.BEB.KC1

**6 SCECHs available.**  
**No cost to teachers!**

**For module  
information, contact**

Julie VanPortfliet  
906 786-1830 ext. 317  
or  
[Vanportflietj@michigan.gov](mailto:Vanportflietj@michigan.gov)

\*Funded by U.S. Dept of  
Transportation

# TRAC Teacher Workshop (TRansportation And Civil engineering) at MTU

**Presenter:** Julie VanPortfliet, Transportation Education,  
Michigan Dept. of Transportation (MDOT)

**Date:** Thursday, March 19, 2015

**Time:** 8:00 am - 3:30 pm

**Cost:** \$15 includes lunch & refreshments

**Location:** Room 104, Great Lakes Research Center, Michigan Tech  
(parking pass will be provided upon arrival; please carpool. Park at meters with a parking token or in or faculty/staff parking & Visitor Lots with completed MTU parking pass)

## What is TRAC?

Transportation and Civil Engineering ([TRAC](#)) is a FREE program that provides teachers with curriculum-enhancing, hands-on lessons and tools for their math, science, engineering, and social science classes. Motion detectors, photo gates, and magnetic levitation tracks are just a few of the fun activities that TRAC will introduce, TRAC includes teacher training, interactive software, replacement supplies, and opportunities for students to interact with engineers, and enter design competitions. Participants experience all 7 modules, and choose TWO for their classroom.

- ❖ Bridge Builder
- ❖ Highway Development and the Environment
- ❖ Highway Safety
- ❖ Magnetic Levitation
- ❖ Motion and the Transportation Engineer
- ❖ Roadway Design and Construction
- ❖ Traffic Technology

- Preview topics addressed in the 7 TRAC Modules:  
[www.michigan.gov/mdot-trac](http://www.michigan.gov/mdot-trac)
- Find out how high school students can apply for the [TRAC](#) Pipeline Civil Engineering Internship Program at [www.michigan.gov/mdot-trac](http://www.michigan.gov/mdot-trac)
- Learn how your Grade 7-12 students can participate in TRAC statewide and national Bridge Competitions [www.michigan.gov/mdot-trac](http://www.michigan.gov/mdot-trac)



