



TRAC provides teachers with hands-on tools for STEM (science, technology, engineering, and science) education and social studies.

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

### Registration:

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

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

**Date: Thursday, March 5, 2015**

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

**Cost: \$10** (includes lunch & refreshments, 2 free TRAC modules, 6 SCECHs)

**Presenter: Julie VanPortfliet, TRAC Program Manager,  
Michigan Dept. of Transportation (MDOT)**

**Location: Room 104, Great Lakes Research Center, Michigan Tech**

(\$5 parking pass will be provided upon arrival; carpooling encouraged, parking is limited to meters and visitor lots <http://www.mtu.edu/facilities/parking/campus-maps/> (must display parking pass).

### Workshop Information:

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

**6 SCECHs (approval pending). No cost to teachers!**

### For TRAC module information, contact

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

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### 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 the 7 TRAC Modules: [www.michigan.gov/mdot-trac](http://www.michigan.gov/mdot-trac)
- Find out how Grade 9-12 students can apply for the [TRAC](#) Pipeline Civil Engineering Internship Program and Grade 7-12 students can participate in TRAC's statewide and national Bridge Competitions.

