



APPLICATION DEADLINE

March 20, 2013

CREDIT: 1 graduate credit (ED5680) through Michigan Technological University or SCECHs.

EARN \$100 FOR SUBMITTING 1 TRANSPORTATION LESSON

COST: \$50

(Resident/Non-Resident) includes MTU tuition,* lunches, field trips & course materials.

To Register:

Complete registration form on back and email or fax to Lori Witting

Email: lori@mtu.edu

Fax: [906.487.2468](tel:906.487.2468)

Tel: [906.487.2263](tel:906.487.2263)

For Information:

Joan Chadde
Michigan Tech University
Houghton, MI 49931
Tel: 906.487.3341
Email: jchadde@mtu.edu

*Cost has been reduced through the generous support of the MTU Dept. of Civil & Environmental Engineering that helps to reduce official MTU tuition (2012/13 Official Applied Science

3 Workshops for Gr.5-12 Science, Social Studies & Math Teachers

Transportation in the 21st Century: Moving People & the Stuff We Buy



This exciting series of three workshops will focus on different modes of transportation and enhance middle/high school students' awareness of career opportunities in transportation. To earn graduate credit, teachers attend 3 workshops and develop one lesson plan. All are 6-hour workshops on Saturdays and include **field trips to cool places!**

Workshop Schedule

(Workshops take place at Wayne State University in Detroit)

March 23 Intermodal & Rail Transportation – Dr. Pasi Lautala, Director, Rail Transportation Program, Michigan Technological University. *Different transportation modes for moving freight and people; rail transportation in the U.S. & Michigan; a look at high speed rail for Detroit-Chicago corridor; new technology in rail transportation.; and visits to local rail yard.*

April 20 Traffic Operations & Safety – Dr. Peter Savolainen, Civil & Environmental Engineering, Wayne State University. *How to integrate transportation engineering into core subjects; examine how drivers contribute to traffic crashes and affect the design of traffic signals; visit the SE Michigan Transportation Operations Center (SEMTOC) to see how engineers manage the operation of the Detroit transportation system in real-time.*

May 11 - Maritime Transportation - Rick Brown, Licensed Captain, The Maritime Academy of Toledo and Dr. Pete Lindquist, Dept. of Geography & Planning, University of Toledo. *What are those big ships carrying and how does it impact our economy? Who works aboard ships? Visit a port facility.*

Program Sponsors

Michigan Tech



Michigan Technological University Teacher Professional Development Workshop Series

Transportation in the 21st Century: Moving People & the Stuff We Buy



Application Deadline: March 20, 2013



Cost: \$50 includes one Michigan Tech graduate credit* or SCECHs, three workshops, 3 lunches, field trip transportation, and classroom support materials.

Make checks payable to Michigan Tech University.

EARN \$100 FOR SUBMITTING ONE TRANSPORTATION LESSON

APPLICATION FORM

Teacher Name: _____ Email: _____
First Last

Home Address: _____

School Phone: (____) _____ Home Phone: (____) _____ Cell: (____) _____

Name of Your School: _____

School Address: _____
Street City State Zip Code

Subjects Taught: _____ Grade(s) Taught: _____

Degree(s) Earned/Areas of Teacher Certification: _____

I wish to earn: _____ one graduate credit through Michigan Tech

_____ SCEHs for (circle workshop date): March 23 April 20 May 11

Return your registration form by March 20, 2013 to:

Lori Witting, Dept. of Education, Michigan Technological University

Email: lori@mtu.edu Fax: [906-487-2468](tel:906-487-2468) Tel: [906-487-2263](tel:906-487-2263)

*Cost has been reduced through the generous support of the MTU Dept. of Civil & Environmental Engineering that helps to reduce official MTU tuition (2012/13 Official Applied Science Education Graduate Resident and Non-Resident @ \$485 per credit).

Michigan Tech

