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 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.*

**APPLICATION DEADLINE**

March 10, 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: 906.487.2263

**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 Graduate Resident and Non-Resident @ $485 per credit).
Teacher Professional Development Workshop Series

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

Application Deadline: March 10, 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: __________________________________________________________________

Subjects Taught: ____________________________________ Grade(s) Taught: _____________

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

Return your registration form by March 10, 2013 to:
Lori Witting, Dept. of Education, Michigan Technological University
Email: lori@mtu.edu Fax: 906-487-2468 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).