

Anchors Aweigh!

Middle & High School Teachers

**Michigan Tech
Summer Teacher
Institute**
(MTU Course ED5661)
2 Graduate Credits



Teaching Mathematics through Navigation

Monday, June 28 - Friday, July 2 ▪ Michigan Technological University

COST: \$250 off-campus, or
\$475 on-campus (includes 4
nights lodging & meals)

CLASS LIMIT: 12 participants

APPLICATION DEADLINE:
Friday, May 14

Explore innovative ways to teach geometry, measurement, and algebra through the practice of marine navigation. Teachers will learn navigation techniques via daily hands-on experiences aboard Michigan Tech's Research Vessel, *Agassiz*, and become proficient in solving navigation problems using mathematics, charts, and electronic instruments.

Instructor: R. Stephen Roblee, Professor Emeritus and Captain R/V *Agassiz*

To Register:

Joan Chadde, Institute Coordinator
Center for Science & Env. Outreach
105 Dillman Hall—Michigan Tech
1400 Townsend Dr.
Houghton, MI 49931

Phone: 906-487-3341

FAX: 906-487-1620

Email: jchadde@mtu.edu



**Great Lakes Maritime
Research Institute**

A University of Wisconsin - Superior and
University of Minnesota Duluth Consortium



CFIRE

University of Wisconsin-Madison



Michigan Tech

Michigan Technological University

Cost Includes 2 graduate credits
\$250 per participant OFF CAMPUS
\$475 per participant ON CAMPUS

Cost per participant staying **off campus is \$250** and includes half-day trips daily on the *Agassiz*, instructional materials, and 2 graduate credits from Michigan Tech University. Cost per participant staying **on-campus is \$475** and includes 4 nights lodging, breakfast & dinner. (The actual cost of the Institute is \$1375. A grant from the Great Lakes Maritime Research Institute at University of Wisconsin Superior and University of Minnesota Duluth, along with CFIRE at University of Wisconsin Madison, covers the 2009/10 official MTU tuition for Applied Science Education Graduate Resident/Non-Resident of \$822.) Payment of the full registration fee is due June 4, via **check** payable to: *Michigan Tech University D93713* or **credit card** by calling the Michigan Tech Cashier's office at (906) 487-2247.

Financial Aid

Applicants who are teachers in the eight Great Lakes states may apply for a Marine Immersion scholarship through the COSEE Great Lakes program <http://coseegreatlakes.net/>. Applications are due April 16, 2010. For information, contact: Jim Lubner at Wisconsin Sea Grant: jflubner@aqua.wisc.edu

About Michigan Tech & Local Area

Michigan Technological University is located east of downtown Houghton, MI (pop. 7,000). Houghton is served daily by United Airlines (800) 864-8331 or united.com from Chicago to the Houghton County Airport. Taxi service is available from the airport to Michigan Tech's campus for about \$20 per person. Call Neil's Taxi Service at (906) 482-5515.

Houghton, Michigan is a quaint town with roots in the historic copper mining days of the mid-19th century. Hiking and mountain biking is awesome at the nearby Michigan Tech Recreational Trail System, or stroll along Lake Superior at McLain State Park, or visit a nearby nature sanctuary. Learn more about MTU: <http://www.mtu.edu> or Keweenaw Tourism information: www.keweenaw.info/index.aspx

Michigan Tech
Houghton, Michigan



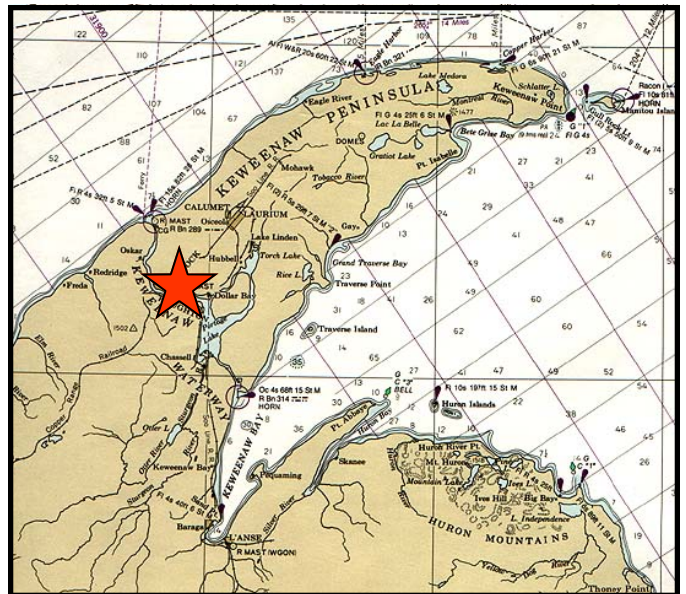
To Apply & More Information

Application forms and updated information available at: <http://wupcenter.mtu.edu>

Application deadline: Friday, May 14

Submit applications to:

Joan Chadde, Institute Coordinator
Center for Science & Environmental Outreach
105 Dillman Hall—Michigan Technological University
1400 Townsend Dr., Houghton, MI 49931
Phone: 906-487-3341 FAX: 906-487-1620
Email: jchadde@mtu.edu



Accommodations

Participants will receive four nights lodging in MTU's newly remodeled Wadsworth Hall in a single room with private bath and breakfast & dinner from Monday dinner through Friday breakfast. Michigan Tech Trails and downtown Houghton are within easy walking distance.

