

For K-12 Teachers & Educators

Earn 2 Graduate Credits from Michigan Tech University (ED5680)

Application Deadline: Friday, May 13, 2011

Cost: \$495

Limit: 20 participants



Great Lakes Maritime Teacher Institute

Monday-Friday, June 20-24, 2011 in Door County, Wisconsin

For Information

Joan Chadde, Institute Coordinator
Center for Science & Env. Outreach
Michigan Technological University
1400 Townsend Dr.
Houghton, MI 49931

Phone: 906-487-3341

Fax: 906-487-1620

Email: jchadde@mtu.edu

Explore the historical, economical and environmental aspects of Great Lakes shipping in beautiful Door County, Wisconsin!

Participants will tour port facilities and the Neville Public Museum in Green Bay, the Wisconsin Maritime Museum and S.S. Badger in Manitowoc, the Coast Guard station and Sturgeon Bay shipyard, lighthouses in Door County, investigate invasive species and shipwrecks, take a guided excursion of Sturgeon Bay ship canal, and learn about current-day maritime careers. Participants will gain new knowledge and skills, classroom activities and resources that can be integrated into social studies, science, language arts, and math classes.

The institute will explore the many facets of the shipping industry within the context of intermodal transportation, port safety, Great Lake ports and global destinations. The institute will provide teachers with a foundation in maritime transportation history, current operations, and future career opportunities.

Michigan Tech
Michigan Technological University



Great Lakes Maritime Research Institute

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



CFIRE

University of Wisconsin-Madison

Cost

The **\$495** registration includes 2 graduate credits (ED5680) from Michigan Tech University, meals and lodging, most transportation during the institute, and museum/excursion fees. **Payment is due June 3** by check payable to: *Michigan Technological University D93711*, or by credit card (Visa, MC, Discover) by calling the MTU Cashier's Office at 906-487-2247. Refunds only if space filled. (Grants from the Great Lakes Maritime Research Institute and CFIRE at University of Wisconsin-Madison will help reduce the cost of Michigan Tech official graduate credit (2010-11 official Michigan Tech Applied Science Education Graduate Tuition for Residents and Non-Residents is \$431 per credit).

Financial Aid

Grade 4-10 teachers may apply for a COSEE Great Lakes Marine Immersion scholarship. Michigan teachers should contact Steve Stewart (stew@msu.edu) at Michigan Sea Grant; Wisconsin teachers should contact: Jim Lubner (jflubner@aqua.wisc.edu) at Wisconsin Sea Grant. All participants may apply for a \$300 stipend from UW-Madison; contact jchadde@mtu.edu .

More Information

Door County: <http://www.doorcounty.com>

Great Lakes Maritime Research Institute: www.glmri.org

National Center for Freight & Infrastructure Research and Education (CFIRE) at **University of Wisconsin-Madison** <http://cfire.wistrans.org>

Course Credit & Requirements

To receive credit, participants must:

- Complete pre-course readings.
- Actively participate in the entire Institute.
- Design TWO lessons (rubric provided) and submit electronically by September 1, 2011.

How to Apply

Application forms at: <http://wupcenter.mtu.edu>

Application deadline: Friday, May 13, 2011

Submit applications to:

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



Accommodations & Meals

Registration includes meals and 4 nights lodging (double occupancy) at Stone Harbor Resort in Sturgeon Bay, WI. Sturgeon Bay's waterfront and its boats— from dugout canoes, to schooners, and giant commercial carriers are on display! Visit: <http://www.stoneharbor-resort.com/>

Past Participants' Comments

- I gained a wealth of information.
- Excellent! Loved the firsthand experience!
- Enthusiastic, passionate, knowledgeable presenters.
- A great variety of activities and resources provided.

