

**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

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Explore the historical, economical and environmental aspects of Great Lakes shipping in 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, several lighthouses in Door County, shipyard in Sturgeon Bay, investigate invasive species, monitor water quality, take a guided excursion of Sturgeon Bay shipping canal, delve into maritime history and learn about 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 from Michigan Tech University, meals and lodging, most transportation during the institute, and museum/excursion fees. Full payment is due June 3. Make checks payable to: *Michigan Technological University D93711*. (Grants from the Great Lakes Maritime Research Institute and from 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

Michigan applicants who teach grades 4-10 may apply for a COSEE Great Lakes Marine Immersion scholarship by contacting Steve Stewart (stew@msu.edu) at Michigan Sea Grant; Wisconsin applicants should contact: Jim Lubner (jflubner@aqua.wisc.edu) at Wisconsin Sea Grant.

## More Information

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

**Great Lakes Maritime Research Institute:** [www.glmri.org](http://www.glmri.org)

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

## Course Credit & Requirements

Participants earn 2 graduate credits (ED5680) from Michigan Tech University. To receive credit, participants must:

- Complete pre-course readings.
- Actively participate in the entire Institute.
- Design TWO lessons (rubric provided) on a topic related to the institute that address state or national standards. **Submit lessons electronically to [ichadde@mtu.edu](mailto:ichadde@mtu.edu) 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 at the Bridgeport Resort in 2-bedroom suites (additional cost for one bedroom suite) in Sturgeon Bay, WI.. Sturgeon Bay's waterfront and its boats— from dugout canoes, to schooners, wartime vessels and giant commercial carriers are on display! Visit: <http://www.bridgeportresort.net>

## Past Participants' Comments

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

