

MichiganTech

Professional Development for Science & Mathematics Teachers

Lake Superior Educational Adventure On Board Tallship “Denis Sullivan”

July 10, 2005 to July 16, 2005



Course registration:

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Information on M. S. in Applied Science Education:

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Check our website for updates: <http://www.ed.mtu.edu/>

This one-week course will provide teachers at all levels with a historical sail and Lake Superior maritime experience on board the 137 foot “Denis Sullivan” operated by Pier Wisconsin. The

instructional crew of the ship, supported by MTU faculty, will provide an educational program emphasizing water ecology, limnology, and Great Lakes’ maritime heritage. Participants will act as crew with the responsibility to sail the ship while they learn about the region. Three graduate credits of science education available upon completion of the week’s activities and submission of a one-week teaching unit plan.



Schedule (some activities are weather dependent)

Sunday	Check in at Ford Forestry Center. Orientation program; Intro to Maritime history, Keweenaw Land Conservancy and to Water Ecology testing activities.
Monday	Shipboard orientation. Sail Keweenaw Bay with ongoing education to wreck of the “Mesquite” and operate ROV. Water ecology studies. Anchor overnight near Bete Grise.
Tuesday	Sail to Manitou Island. Spend day exploring area on shore. Anchor overnight at Copper Harbor.
Wednesday	Sail to “deep area” of Lake Superior for water studies, then on to Superior Shoals for ROV (Remotely Operated Vehicle with real-time video camera) work.
Thursday	Sail Isle Royale waters with possible anchorage near island.
Friday	Sail around Isle Royale national park and head for Houghton.
Saturday	Course ends in Houghton between noon and 4 PM.

Cost: \$2294. Includes tuition, lodging at Ford Forestry Center and on board ship, all meals and instructional materials. A modest application fee may also be required.

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