WINTER 2007 TEACHER PROFESSIONAL DEVELOPMENT

Winter Ecology • ED 5640 • February 2-4, 2007 • Alberta, MI

Sponsored by the Isle Royale Institute and the Western UP Center for Science, Math and Environmental Education.

WHEN: February 2-4, 2007
WHERE: Michigan Tech Ford Forestry Center in Alberta, Michigan
COST: $140, which includes all workshop materials, room and meals.
1.8 SB-CEU’s available at no cost.
1 MTU Graduate Credit (ED5640- Teaching Environmental Science) available for an additional $150
INSTRUCTOR: Brian Rajdl, The Isle Royale Institute

DESCRIPTION:
This course offers K-12 teachers with guidance for incorporating winter ecology into their classroom teaching through hands-on exploration. The majority of the course will be spent outdoors, so emphasis is placed on appropriate dress and preparation. The course content is designed to explore the unique issues of survival in challenging winter environmental conditions, plant and animal adaptations, and how organisms interact with their winter environment. This course will also cover the physics of winter including properties of snow, weather, and measures of heat and temperature. Special attention will be given to outdoor activities, including tracking and snowshoeing, in a variety of winter habitats and how to integrate these activities with effective classroom teaching. Those seeking the optional one credit through Michigan Tech will have an additional requirement of completing and submitting a teaching unit by Monday, February 19, 2007.

SCHEDULE:
Friday February 2  5:00 – 9:00pm- with a break for dinner
Saturday February 3  8:00am-8:00pm with breaks for lunch and dinner
Sunday, February 4  8:00am –2:00pm with a break for lunch

The majority of the lessons will be held outdoors with field work in the forest and along lakes and streams; many of the lessons will involve snowshoeing. All meals will be provided at the Ford Center. Warm buildings will be close by for breaks, warm drinks, and emergencies. Brian Rajdl is a Wilderness EMT. Sauna and campfire will be available in the evenings.

THINGS TO BRING: A detailed packing list will be sent upon registration. Snowshoes will be required so borrow a pair or let us know if you need a pair.

REGISTRATION DEADLINE, Tuesday, January 23, 2007

QUESTIONS, contact Brian Rajdl at bmrajdl@mtu.edu or Ann Mayo Kiely at ammayo@mtu.edu or 906-487-4335

Michigan Technological University is an equal opportunity educational institution/equal opportunity employer.

COST: $140, which includes all workshop materials, room and meals. Make checks payable to the Copper Country ISD.

Please check your choice

_____ Winter Ecology Workshop with no SB-CEUs or MTU Credit.
_____ Winter Ecology Workshop with 1.8 SB-CEUs for no additional cost.
_____ Winter Ecology Course (1 Graduate Credit-ED 5640) for an additional $150.

(If you check this option, please fill out Section B.)

Section A: Please print

Name_______________________________________________
First     Last

Home address_______________________________________
Street   City      State     ZIP

Work phone _____________________________ Home phone _________________________________

Work Fax ______________________________  Email ________________________________

School name________________________________________

School address ____________________________________
Street   City       State   ZIP

Current subject areas taught_______________________

Grades taught _____________________________________

School District____________________________________

Section B: Please fill out to register for ED5640.
Lori Witting from MTU Educational Opportunity will contact you concerning the tuition fee.

Date of birth____________________________ Social Security Number ______________________

I agree to all of the following to participate in the ED 5640: 2007 Winter Ecology Course:

1) Read and respond to all preparatory materials and communications prior to the institute.
2) Consent to the release of my name, address, and email address to other participants in the institute.
3) Fully participate in each day of the course.
4) Meet the requirements of the syllabus for the course.

Signature _________________________________________ Date ____________________

Return your completed registration form and $140 workshop fee by Tuesday, January 23, 2007 to:
Loret Roberts, Western UP Center for Science, Math and Environmental Education
P.O. Box 270, Hancock MI 49930
906-482-5031 (fax)