Summer 2011 Geology of Utah’s National Parks • GE 5130 • June 14–July 1, 2011

This course consists of fourteen days of field-based activities conducted in and around the national parks and monuments of eastern Utah—areas internationally recognized for their outstanding geology. Using maps, compasses, GPS, rock and mineral identification, geomorphology, subsurface geology, fossils, and basic engineering principles, teachers learn how climate, sea level, and mountain building change the earth’s landscape through time, and how geologists recognize the record of change in rocks.

The course is mainly about geology, but it’s also about teaching and learning. Instructors model and demonstrate the effectiveness of several innovative teaching styles as they train participants to use a process-based approach in earth science. Recognizing that people have a variety of learning styles, this course tries to accommodate individuality.

Participants need no prior experience in earth science. Participants in the Geology of Utah’s National Parks Course will meet in Denver, Colorado, on June 14, 2011, and course instruction will begin on June 15. Participants will camp during the course, collaborating with staff to prepare group meals. The group returns to Denver on June 30, 2011 and departs July 1.

Cost: Resident/Non-Resident - $800 registration fee. This cost covers *MTU tuition, travel during the course, camping and park-entry fees, food, group camping equipment, textbooks, and technical equipment. Participants provide personal clothing, camping gear, and travel to and from Denver.

Credit: 4 graduate credits through Michigan Technological University’s Department of Geological and Mining Engineering and Sciences

* Cost has been reduced through the generous support from the Michigan Space Grant Association help to reduce official MTU tuition (2010/11 Official Applied Science Education Graduate Resident and Non-Resident $431 per credit).
Name______________________________________________________________________________________________
First     Middle     Last
Home address _______________________________________________________________________________________
Street     City      State    ZIP
Date of birth_____________________________________ SS# or MTU M # ______________________________________
Home phone (         )_____________________________ Work phone (         ) _____________________________________
Fax (         ) ____________________________   Work email ___________________________________________________
How often do you check your email? ___________ Home email_________________________________________________
School name______________________________________________________________ ___________________________
School address_______________________________________________________________________________________
Street     City      State    ZIP
Current subject areas taught____________________________________________________________________________
Grades taught _______________________________________________________________________________________
School District________________________________________________________________________________________
Degree earned/areas of certification ______________________________________________________________________

I agree to all of the following to participate in the Geology of Utah’s National Parks Course GE 5130:

1) Read and respond to all preparatory materials and communications prior to the course.
2) Consent to the release of my name, address, and email address to other participants in the course.
3) Fully participate in each day of the course.
4) Meet the requirements of the syllabus for the course.
5) Understand that my final project will be published in some format
6) Consent to the release of my photograph for publications.
7) My written work submitted in the courses may be used for project evaluation.

Signature _________________________________________________________________ Date _____________________

Return your completed application by March 1, 2011
To: 
Lori Witting
Teacher Professional Development Coordinator
Michigan Technological University
1400 Townsend Drive
Houghton, MI 49931-1295
Phone 906-487-2263
Fax 906-487-2468

Applicants will be notified of selection by March 15, 2011.
Upon notification of selection, participants will be provided with information regarding the registration fee and course information.

www.ed.mtu.edu

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