Geology of Utah’s National Parks • GE 5130 • June 14–July 1, 2012
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. Participants learn to determine how climate, sea level, and mountain building change the earth’s landscape through time and explore basic engineering applications related to these processes.

The course is mainly about science, 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 accommodates individuality.

No prior experience in earth science is needed. Participants in the Geology of Utah’s National Parks Course will meet in Denver, Colorado, on June 14, 2012, 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, and departs July 1, 2012.

Cost: Resident/Non-Resident - $900 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 (2011/12 Official Applied Science Education Graduate Resident and Non-Resident is $457 per credit).
Geology of Utah’s National Parks GE 5130
Participant Application

Please type or print in ink. Duplicate as needed.

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)  As part of this application, submit a statement not to exceed 1 page single space typed indicating why you are
interested in taking the course and how the course will support your career.
2)  Read and respond to all preparatory materials and communications prior to the course.
3)  Consent to the release of my name, address, and email address to other participants in the course.
4)  Fully participate in each day of the course.
5)  Meet the requirements of the syllabus for the course.
6)  Understand that my final project may be published in some form.
7)  Consent to the release of my photograph for publications.
8)  My written work submitted in the courses may be used for project evaluation.

Signature _________________________________________________________________ Date _____________________

Return your completed application by March 1, 2012 along with a $100 deposit 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, 2012.
Upon notification of selection, participants will be provided with information regarding payment and course information. The
$100 deposit will be refunded if you are not selected for participation and will be applied to the registration fee if you are
selected.  Full payment is due on or before May 1, 2012.

Additional scholarship funding may be available.  If interested, please check here □

www.ed.mtu.edu

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