Geology of Utah’s National Parks • GE 5130 • June 16–July 1, 2008
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, rock and mineral identification, geomorphology, subsurface geology, and fossils, 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 15, 2008, and course instruction will begin on June 16. Participants will camp during the course, collaborating with staff to prepare group meals. The group departs from Denver on July 2, 2008.

**Cost:** Resident/Non-Resident - $800. 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 Denver.

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

*A departmental stipend and funding from a Michigan Department of Education Improving Teacher Quality grant to Michigan Technological University help to reduce official MTU tuition (2007/08 Official Applied Science Education Graduate Resident and Non-Resident $369 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) 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 April 1, 2008
To:
Lori Witting  
Professional Development Coordinator  
Michigan Technological University  
103 Alumni House  
1400 Townsend Drive  
Houghton, MI 49931-1295  
Phone 906-487-2263  
Fax 906-487-3101

Applicants will be notified of selection by April 15, 2008.
Upon notification of selection, participants will be provided with information regarding the registration fee and course information.

www.ed.mtu.edu

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