Geology of Utah’s National Parks • GE5130 • June 16–July 1, 2007
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, 2007, 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 1, 2007.

Cost: Resident - $500, 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 and camping gear.

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 (2006/07 Official MTU tuition per credit rates are: Undergraduate Resident $275, Undergraduate Non-Resident $668 and Applied Science Education Graduate Resident and Non-Resident $345).
Please type or print in ink. Duplicate as needed.

Name______________________________________________________________________________________________
  First  Middle  Last

Home address _______________________________________________________________________________________
  Street  City  State  ZIP

Date of birth_____________________________________  Social Security Number _________________________________

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 teaching unit will be published in some format.

Signature _________________________________________________________________  Date _____________________

Return your completed application by May 1, 2007
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 May 15, 2007.
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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