

A Field Geology Workshop in Hawaii: The Volcanic Geology of the Island of Hawaii

Dr. Charles Merguerian and Steven C. Okulewicz,
Hofstra University Department of Geology

July 23-August 2, 2007

Through an integrated lecture and field course, participants will investigate the volcanic geology of Hawaii, an oceanic island situated on an active hot mantle plume. The purpose of the course will be to provide a hands-on introduction to geologic field observation and the methods needed to integrate geologic conclusions based on field-based learning and observed scientific data. The emphasis for the course will be placed on the tectonic evolution, volcanic and sedimentary processes and glacial features observed. Conclusions will be based on these data gathered in the field.



Student field reports will be derived from observations, measurement, analysis, and interpretation in many of the sub-disciplines of geology. The trip will include visits to Mauna Loa, Mauna Kea, and Kilauea volcanoes, the Thurston Lava Tube, the Southwest Rift Zone, Halemaumau, Kau Desert, Mauna Ulu Crater, Keanakakoi Crater, Lava Tree State Park, Puu Laimana Volcanic Area, and various steam vents and other volcanic- and geothermal features. Brief mapping exercises will be undertaken to integrate observations with problem solving and interpretive analysis.

A day of formal lecture will precede the trip on Monday, July 16, 2007 in 162 Gittleston Hall. There will be a follow-up lecture with student presentations in August. Participation in both of these events is required.

This field workshop is appropriate for all teachers' grades 6-12 and interested members of the general public. Participants should be in good physical shape and be able to hike over uneven terrain.

This field course may be taken for 75 hours toward Professional Development Credit or 4 semester hours of Hofstra University graduate credit.

Logistics:

Participants will depart from the New York area on July 23, 2007 and return to the New York area early on August 2, 2007. The course will be based in Hilo, Hawaii, where participants will be staying in a hotel.

The workshop cost is \$2400.00 per person. The first payment of \$1,100.00 is due by March 31, 2007 and is **non-refundable**.* Costs *cover airfare, lodging, transportation, and most breakfasts and lunches but does not include the cost of graduate credit.*

The final payment of \$1,300.00 is due by June 15, 2007.

Registration preference will be given to those attending the trip for graduate credit. This field workshop is contingent upon sufficient registration for the associated graduate course.*

Required Text: Hazlet, R., 2002, Geological Field Guide, Kilauea Volcano, Pomona College, Geology Department, Claremont California, 91711; ISBN # 0-940295-19-9.



*** Since spaces are very limited in the workshop and preference will be given to those registering for graduate credit, submission of this registration form and a deposit check does not guarantee you a spot on the field workshop. You will be notified by April 3, 2007 about your status. If we are unable to accommodate you in the field workshop, your deposit will be returned.**

ALL deposits will be refunded in the event of trip cancellation.



Registration Form
A Field Geology Workshop
in Hawaii:
The Volcanic Geology of the
Island of Hawaii

July 23, 2007
thru
August 2, 2007

Name: _____

Mailing Address: _____

Telephone Number: _____

Email Address: _____

Current Job/Occupation: _____

_____ I plan to enroll in Geology 280F and attend the workshop for four graduate credits.

I want to reserve a place in the Field Geology Workshop in Hawaii.*

I understand that the fee for this workshop is \$2,400.00, which includes airfare, lodging, ground transportation in Hawaii, admission to sites visited in the course of the workshop, and several meals, *but does not include the cost of graduate credit.*

I enclose a check payable to Hofstra University for \$1,100.00, which I understand is a NON-REFUNDABLE deposit.** The remaining payment of \$1,300.00 must be received by June 15, 2007.

Signed: _____ Date: _____

Kindly return this form as soon as possible to:

Dr. Janice Koch
Director, IDEAS Institute
105 Hagedorn Hall
119 Hofstra University
Hempstead, NY 11549

If you have questions, please call

Eloise Gmur
Project Coordinator, IDEAS
(516) 463-5792
Eloise.K.Gmur@hofstra.edu

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