

Volcanoes GEOS 120 Fall 2007

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Hours: Tues. and Thurs. 3:30-5:00PM

Time and place: NSF 201, Tues and Thurs. 2:00-3:30 PM, Nov. 13-Dec. 13

Grading for Part C: Final Exam (volcanoes only), Dec. 13	50%
Labs	35%
Quizzes, as indicated on the schedule	15%

The state of Alaska hosts one of the most volcanically active regions in the world. Volcanism is a spectacular, awe-inspiring, dangerous, and critical process that sustains and affects all lives on the planet. This course is designed to give you a taste of what volcanoes are, where they occur, what volcanologists do, and why you should be interested in and care about volcanoes. The quizzes and final will be based entirely on lectures and lecture notes. I will attempt to use Blackboard to post class information, such as the syllabus, lecture outlines, and grading keys for the quizzes and final exam. Quizzes may be made-up only if you are sick or have some other emergency AND only if you tell me before or during the same week of the missed quiz. Make-ups will be given in your lab section only to those who have informed me of their valid absence ahead of time.

<u>Date</u>	<u>Topic</u>	<u>Course Material</u>
Nov. 13	Introduction/History	Lecture notes 1
Nov. 15	What are volcanoes?	Lecture notes 2
Nov. 20	Where are volcanoes located?	Quiz 1, Lecture notes 3
Nov. 22	No Class-Thanksgiving	
Nov. 27	Magma/Igneous rocks	Lecture notes 4
Nov. 29	Eruption processes and deposits	Quiz 2, Lecture notes 5
Dec. 4	Volcano hazards	Lecture notes 6
Dec. 6	Volcano monitoring	Quiz 3, Lecture notes 7
Dec. 11	Case study: Pinatubo 1991	Lecture notes 8
Dec. 13	Final Exam	

Suggested Resources

Book: Volcanoes by Decker and Decker.

Web: www.avo.alaska.edu, <http://volcano.und.edu>, www.volcanoes.usgs.gov,
www.volcano.si.edu.