

**PORTLAND STATE UNIVERSITY
GEOLOGY DEPARTMENT**

G200: Field Studies: Mt. St. Helens South Side

Fall 2016- 1 credit, CRN 11476

Instructors: John Bershaw & Scott Burns
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DATE OF CLASS MEETING: **Friday, October 7, 2016, 2:00-3:00 PM**
Location CH 53

DATE OF THE FIELD TRIP: **Saturday October 8, 2016**
Arrive by 7:45am (corner of Broadway/Mill Streets).
Bus leaves at 8:00 AM SHARP from outside Cramer Hall.
Bus returns to PSU by 6:30 PM.

Prerequisites: None

Course Description: Introduction to field observation by examining geologic formations formed by lava flows and volcanic eruptions in the Mt. St. Helens area. We will visit rock exposures at Ape Caves, Lava-Cast Forest, Lahar Point, Lava Canyon and many other outcrops on the south side of Mt. St. Helens. The lecture will include an overview of the geologic features of the area associated with ancient lava flows and more modern volcanic processes that affected the south-side of Mt. St. Helens during the 1980 eruption.

Grading: Pass/No Pass. Your grade is based on attendance at the pre-trip class and field trip (50%) and satisfactory completion of the fieldtrip packet and a 3-5 page paper (50%). A passing grade is based on a C- grade or better (70.00% or greater). **You cannot pass the class if you do not attend the lecture and field trip. You cannot pass the class if you do not hand in the fieldtrip packet and paper.** The field trip packet and paper are due on Monday Oct. 17th, no later than 5pm.



What to bring: Casual clothes, including rain gear and walking shoes, are appropriate for this field trip. Ensure you are prepared! Bring a very good flashlight or small lantern for the cave, and extra batteries. Be sure to have good outer wear (heavy jacket, gloves, etc.) as the cave is about 57 degrees. Bring water, lunch and all snacks, a copy of the workbook, a camera if you wish, a small notebook, and 2 writing implements. Transportation, entrance fees, and material costs are covered by the course fee, which is charged at the time of registration.