

G200 Mt. St. Helens North term project

Purpose: The purpose of this project is to give students a greater appreciation for Mt. St. Helens or volcanism through various topics & activities.

Topics: You may choose one of the following for your project.

1) Prepare a 3-5 page research report on one of the following topics. A) Re-vegetation / recovery of the region. B) Lahar hazards in the Pacific Northwest, and what is being done to mitigate these. C) Indian legends of Mt. St. Helens or other Cascade volcanoes. D) Recent research discoveries about Mt. St. Helens, or nearby volcanoes.

Requirements for research report:

Standard 1-inch page margins, standard 10-12 pitch (size) Times font, single or double spacing;

at least 3 full pages of text, not including pictures, tables, diagrams, fact sheets, cover sheet, or bibliography;

at least 3 sources to reference, not including online encyclopedias such as Wikipedia, MSN, Encarta, and the field trip guide provided in the course;

a bibliography that includes an alphabetical listing of the full reference of the sources;

proper attribution in the Text to the references used; such as Ruzicka et al. (2010), for any statement based on the reference;

must be prepared as hardcopies.

2) Design an image-based geology field guide for one of the following. A) Mt. St. Helens eruption of Cave basalt and formation of lava tubes. B) Boring lava volcanism in the Portland area. C) Mt. St. Helens in general, not limited to the north side field trip route done in the course. Students can access information provided on these topics from the course website to learn about geological features associated with these features and can cite these references in the field guide.

Requirements for the field guide:

At least eight annotated photographs of features obtained by either the student or others, with information explaining what they show, where they were taken, and by whom (pictures must be credited);

any images duplicated from the guidebook materials provided on the class website do not count towards the required minimum (although updated versions of the same features will count);

at least 3 pages of text following the guidelines above (research report) for margins, font, line spacing, and what is eligible as Text, summarizing the geology, and what was involved in obtaining the photographs;

a bibliography that lists the sources used to prepare the field guide, including images, which can include the materials made available in D2L;

proper attribution in the Text to the references used; such as Ruzicka et al. (2010), or images used, such as USGS, for any source materials;

must be prepared as both hardcopies and digital versions.

Due: Hardcopies 5 PM Thursday, Nov. 8, in CH room 17. A box for collecting items will be provided on the couch to the right as you enter the main door to CH17 (Geology Department). Electronic copies of field guides are due at the same time (they can be sent to the instructor by email electronically or placed on digital media).

Return: Graded hardcopies will be returned to the student in the same drop-off location, during Finals week.