NOTE to prospective students: This syllabus is intended to provide students who are considering taking this course an idea of what they will be learning. A more detailed syllabus will be available on the course site for enrolled students and may be more current than this sample syllabus. Summer term courses may be accelerated – please check the Ecampus Schedule of Classes for more information.

GEO 305
Living With Active Cascade Volcanoes

COURSE CREDIT:
(3) This course combines approximately 90 hours of instruction, online activities, and assignments for 3 credits.

PREREQUISITES, CO-REQUISITES AND ENFORCED PREREQUISITES:

COURSE DESCRIPTION:
GEO 305. LIVING WITH ACTIVE CASCADE VOLCANOES (3).
The impact of volcanic activity on people, infrastructure, and natural resources; how and why volcanic activity in the Cascade Range occurs; volcano monitoring and hazard assessment. Field trip required, transportation fee charged. (Bacc Core Course)

CONTACT INFORMATION:
For more information, contact: MELINDA JENSEN, 104 WLKN, 541-737-1238.

Sample syllabi may not have the most up-to-date information. For accuracy, please check the ECampus Schedule of Classes to see the most current instructor information. You can search for contact information by name from the OSU Home Page.

LEARNING RESOURCES:
Required Video: In the Path of a Killer Volcano (WGBH/NOVA video). The video is not listed as required at the bookstore because, as of this writing, it is available on YouTube, and has been for at least a year (although the resolution on YouTube is not nearly as good as the DVD). So you may want to take a chance and wait and see if it is still on YouTube when that assignment is available (Week 8). You will be responsible for viewing it even if it disappears from YouTube though.
NOTE: For textbook accuracy, please always check the textbook list at the OSU Bookstore website. Sample syllabi may not have the most up-to-date information.

Students can also click the ‘OSU Beaver Store’ link associated with the course information in the Ecampus schedule of classes for course textbook information and ordering.

COURSE SPECIFIC MEASURABLE STUDENT LEARNING OUTCOMES:

Successful completion of this course fulfills the Science, Technology, and Society course requirement in the Synthesis category of the OSU Baccalaureate Core Curriculum. This course satisfies the following Bacc Core learning outcomes:

1. Analyze relationships among science, technology, and society using critical perspectives or examples from historical, political, or economic disciplines. Lessons, assignments, and readings will cover the hazards that volcanoes pose to human life and infrastructure. We will discuss examples of how volcanic activity has influenced the course of human civilization. We will also cover the economic benefits and cultural importance of volcanic activity past and present, for example, volcanic soils are among the richest in the world.

2. Analyze the role of science and technology in shaping diverse fields of study over time. We will start by studying the physical and chemical processes that create volcanic activity and cause volcanic hazards. With our understanding of the hazards, we will discuss disaster planning and evacuation drills, how land use planning can mitigate hazards, and some of the sociological aspects of human response to volcanic disasters. We will also see how recent science and technology developments have improved our ability to detect and respond to volcanic eruptions.

3. Articulate in writing a critical perspective on issues involving science, technology, and society using evidence as support. You will critically evaluate a case study of a volcanic disaster. Issues such as the predictability of volcanic eruptions, and the human impacts of the hazards created by the volcano, will be included. Students will also research a volcano from published sources and present their interpretation of the likely timing and type of future volcanic hazards in that area. Quizzes and exams include essay questions that require synthesizing information and succinctly describing the impacts of volcanoes.

COURSE CONTENT AND POLICIES:

Whether near or far from where you live, volcanoes can affect your life in many ways. Flowing lava and flowing or falling volcanic ash can be very damaging to the area around a volcano. Volcanic gasses and fine particles can affect local and global atmospheric conditions. However, the rich soils that form from volcanic deposits are excellent for growing crops such as coffee, rice, and wheat. The volcanoes of the Cascade mountains form a spectacular range of peaks extending from northern California to southern British Columbia. They provide exceptional wildlife habitat, recreational opportunities, and natural resources, and their height plays a major role in determining the climate differences between the rainforests on their west side and the high desert on their east side. This course presents the geology, geography, and human aspects of volcanoes, especially those in the Cascades. The Course Objectives are:
• Become familiar with volcanic products and processes.
• Understand the hazards posed by active volcanoes.
• Gain an appreciation for the impact of volcanic activity on human history.
• Understand the risks and benefits of living in the proximity of potentially active volcanoes.
• Learn about the active volcanoes of the Cascade Mountains.

EVALUATION OF STUDENT PERFORMANCE:
All class materials are available entirely online via Canvas. A weekly Lesson is patterned after an in-class lecture, and consists of a series of illustrated PowerPoint-style slides (in PDF) for you to read. There is usually 1 Lesson and 1 or 2 assignments per week. The assignments may include: an Exercise that requires studying maps or illustrations and working through problems, a 20-minute Quiz, or creating a Presentation or Brochure about a Cascade volcano. There are two proctored exams: a Midterm and a Final. There is also a required 1-day field trip, although anyone living too far from the Oregon Cascades to go on the field trip is allowed to arrange to write a Research Paper instead.

COURSE SITE LOGIN INFORMATION
Information on how to login to your course site can be found HERE.

STATEMENT REGARDING STUDENTS WITH DISABILITIES
Oregon State University is committed to student success; however, we do not require students to use accommodations nor will we provide them unless they are requested by the student. The student, as a legal adult, is responsible to request appropriate accommodations. The student must take the lead in applying to Disability Access Services (DAS) and submit requests for accommodations each term through DAS Online. OSU students apply to DAS and request accommodations at our Getting Started with DAS page.

Accommodations are collaborative efforts between students, faculty and Disability Access Services (DAS). Students with accommodations approved through DAS are responsible for contacting the faculty member in charge of the course prior to or during the first week of the term to discuss accommodations. Students who believe they are eligible for accommodations but who have not yet obtained approval through DAS should contact DAS immediately at 541-737-4098.

Additionally, Canvas, the learning management system through which this course is offered, provides a vendor statement certifying how the platform is accessible to students with disabilities.

ACADEMIC INTEGRITY AND STUDENT CONDUCT (OSU POLICY)
Students are expected to be honest and ethical in their academic work. Intentional acts of academic dishonesty such as cheating or plagiarism may be penalized by imposing an “F” grade in the course.

Student conduct is governed by the universities policies, as explained in the Office of the Dean of Student Life: Student Conduct and Community Standards. In an academic community, students and faculty, and staff each have responsibility for maintaining an appropriate learning environment, whether online or in the classroom. Students, faculty, and staff have the responsibility to treat each other with understanding, dignity, and respect.

Students are expected to conduct themselves in the course (e.g. on discussion boards, email postings, etc.) in compliance with the university’s regulations regarding civility. Students will be expected to treat all others with the same respect as they would want afforded to themselves. Disrespectful behavior (such as harassing behavior, personal insults, inappropriate language) or disruptive behaviors are unacceptable and can result in sanctions as defined by Student Conduct and Community Standards.

For more info on these topics please see:
- Statement of Expectations for Student Conduct
- Student Conduct and Community Standards - Offenses
- Policy On Disruptive Behavior

**PLAGIARISM**

You are expected to submit your own work in all your assignments, postings to the discussion board, and other communications, and to clearly give credit to the work of others when you use it. Academic dishonesty will result in a grade of “F.”
- Statement of Expectations for Student Conduct
- Avoiding Academic Dishonesty

**TECHNICAL ASSISTANCE**

If you experience computer difficulties, need help downloading a browser or plug-in, assistance logging into the course, or if you experience any errors or problems while in your online course, contact the OSU Help Desk for assistance. You can call (541) 737-3474, email osuhelpdesk@oregonstate.edu or visit the OSU Computer Helpdesk online.
- COURSE DEMO
- GETTING STARTED

**TUTORING**

For information about possible tutoring for this course, please visit our Ecampus NetTutor page. Other resources include:
- Writing Center
Online Writing Lab

STUDENT EVALUATION OF TEACHING
The online Student Evaluation of Teaching form will be available in week 9 and close at the end of finals week. Students will be sent instructions via ONID by the Office of Academic Programs, Assessment, and Accreditation. Students will log in to “Student Online Services” to respond to the online questionnaire. The results on the form are anonymous and are not tabulated until after grades are posted. Course evaluation results are very important and are used to help improve courses and the learning experience of future students. Results from questions are tabulated anonymously and go directly to instructors and unit heads/supervisors. Unless a comment is “signed,” which will associate a name with a comment, student comments on the open-ended questions are anonymous and forwarded to each instructor. “Signed” comments are forwarded to the unit head/supervisor.

REFUND POLICY INFORMATION
Please see the Ecampus website for policy information on refunds and late fees.