

GEL 32: Volcanoes – Spring quarter 2021

Lectures: asynchronous online lectures.

There will be occasional (optional) in-class exercises TR 12:10-1:30 PM.

Contact Information:

Prof. Kari M. Cooper, kmcooper@ucdavis.edu

Office: 3127 Earth and Physical Sciences, 530-754-8826

Office Hours: Wednesdays 1:00-2:00 (except week 1; see Canvas), zoom link in Canvas

Reader: Kate Hewitt, kchewitt@ucdavis.edu

Course Overview:

This course is an introductory course exploring volcanoes and volcanic eruptions on Earth and in the solar system. We will examine the science of how volcanoes work and how they affect the environment, life, and human societies. We will illustrate the principles using local examples of recent volcanism and ancient examples of eruptions, and will learn about the challenges and prospects for predicting future eruptions.

Course Policies:

This course is a lecture course, with online (pre-recorded) lectures that will be three hours per week. The textbook for the class is recommended, but not required. It is Volcanoes, by Peter Francis and Clive Oppenheimer. I will occasionally assign readings from other sources (which will be available on the course Canvas site). Assessments will be drawn from the material covered in lectures, with the textbook serving as a source of additional information.

Due to the ongoing COVID-19 pandemic, lectures will be pre-recorded and posted on Canvas. I will also make the lectures available as individual audio files and pdfs of the lecture slides, for those who have limited internet connectivity.

I will also hold occasional (optional) in-class exercises for those who want to learn more about the course material and/or have more of an interactive experience. These will be held via zoom on some Thursdays 12:10-1:30 PM, and more information will be posted about these on Canvas.

Information for students about strategies and resources for remote learning can be found here:

<https://keepteaching.ucdavis.edu/student-resources>

A note on copyright and course materials:

I will be posting course materials (for example, powerpoint or pdf files with lecture slides, audio and/or video recordings) on Canvas. These are solely for educational use of students in this course during spring quarter. Posting or use of these course materials in any other way goes against the UC Davis Code of Academic Conduct and also may be a violation of US copyright law. As outlined by university policies:

My lectures and course materials, including PowerPoint presentations, tests, outlines, and similar materials, are protected by U.S. copyright law and by University policy. I am the exclusive owner of the copyright in those materials I create. You may take notes and make copies of course materials for your own use. You may also share those materials with another student who is enrolled in or auditing this course. You may not reproduce, distribute or display (post/upload) lecture notes or recordings or course materials in any other way — whether or not a fee is charged — without my express prior written consent. You also may not allow others to do so. If you do so, you may be subject to student conduct proceedings under the UC Davis Code of Academic Conduct. Similarly, you own the copyright in your original papers and exam essays. If I am interested in posting your answers or papers on the course web site, I will ask for your written permission.

Course communications:

Announcements will be posted on the Canvas site for the. I will also send out information by email – these will be sent to your official UCD email address, so make sure to check that address or forward messages to the one that you check more. Most relevant information about the course can be found on Canvas. Feel free to email me with questions about the course, but there are two important things to keep in mind about this: first, all email correspondence for this course *must go through the Canvas email function* – in an attempt to keep my inbox organized, *I will not answer course-related emails sent directly to my email address*. Second, don't expect an immediate answer – I set aside some time each week to answer class-related email but not necessarily every day.

Grading:

Grades will be based on quizzes during the quarter, and a final exam, as follows:

Quizzes	70%
Final Exam	30%
Extra Credit (optional)	up to 5%

There will be approximately seven quizzes spaced throughout the quarter, which will be worth a total of 70% of the course grade. These quizzes will not be cumulative, and they may not all be worth the same amount of points. The final exam **will** be cumulative, including material covered in the entire course. The quizzes will be online through Canvas and will be a combination of short-answer and multiple-choice questions. The final exam will also be an online exam. Exams and quizzes are open-book and open notes – you may use any resources that you have available, but you may not discuss any exam materials with any other person (either in the course or not) and you may not pass on any information to other students about the quiz/exam materials. There are no make-ups for the quizzes or exam.

Extra Credit:

You can earn a maximum of 5% of the course grade through extra credit. The extra credit will be administered by the course reader, and more information will be provided during the first week of classes. Grading for the extra credit will be done at the end of the class.

Accessibility and accommodations:

UC Davis is committed to educational equity in the academic setting, and in serving a diverse student body. I encourage all students who are interested in learning more about the Student Disability Center (SDC) to contact them directly at sdc.ucdavis.edu, sdc@ucdavis.edu or 530-752-3184. If you are a student who currently receives academic accommodation(s), please submit your SDC Letter of Accommodation to me as soon as possible, ideally within the first two weeks of this course.

If you have concerns about accessibility or accommodations for exams or lectures, first contact the UC Davis Student Disability Center. Once they determine what kinds of accommodations are necessary, they will notify me and I will work with you to find a solution. Accommodations must be put in place *before* the quizzes or exams, and it is your responsibility to start the process early enough to allow enough time for this to happen.

Academic honesty:

Academic misconduct such as cheating or plagiarism will be dealt with in accord with the Code of Academic Conduct (<https://ossja.ucdavis.edu/code-academic-conduct>). Academic Senate policy *requires* instructors to report any suspected cases of cheating or plagiarism to Student Judicial Affairs.