Welcome to Geology 10 Lecture. This class is an introductory-level general education science class that provides a detailed look at Earth’s geological processes. Topics we’ll cover include earth formation and history, plate tectonics, rocks and minerals, volcanoes, earthquakes, Earth’s interior, mountain building, and erosional processes like waves, gravity, rivers, and glaciers.

I’m Katryn Wiese, your instructor. You may call me Katryn, Ms. Wiese, or Professor Wiese, whichever makes you most comfortable. I will call you by your first name. You’re perfectly welcome to call me by mine.

My website contains all the necessary information about how to contact me, including my office hours and email. Although my phone number is listed, I pick up the phone only during office hours and do not use voice mail. The best way to reach me is through email.

Email is the primary way I will be communicating with you outside class. I will be sending email to your CCSFmail account. To ensure that you receive email from me, you must make sure that you read your CCSFmail regularly or have it forwarded to another account.

To get from my faculty page to the class website, click on Class Websites and then Geology 10. Once you get to this page, bookmark it, so you can get here easily in the future. You will be accessing this web page on a weekly basis.

The class workbook is required; it contains the syllabus, policies, helpful figures for each chapter, and assignments. You need to have a copy of this workbook with you whenever you are working on this class. In it you will complete assignments, take notes, and reference data, figures, and review material.

I have made arrangements with the Ocean Avenue UPS store to produce the workbook for students at a special rate. Details and order information are on the website. You can also have this workbook printed by the printer of your choice; however you must follow all the directions as described on the website, so that you end up with a complete bound manual that is double-sided and color. A hard-copy printed bound color version of this workbook is REQUIRED. Please email me ASAP if there are financial reasons why you cannot purchase the workbook right away. The City College bookstore has a few copies for students whose books are covered by financial aid.

The official textbook in this class is the latest edition of Tarbuck and Lutgen’s Essentials of Geology. While the textbook is not required, it is still highly recommended that you have one. It is available in the bookstore. If you cannot afford the latest edition of the textbook, you can access reserve copies in the library, purchase a previous edition of the textbook from any outlet, or purchase a different textbook than the class textbook. Any introductory physical geology textbook is an excellent resource for questions you have while watching the video tutorials. Don’t let cost be a factor in procuring one. And be sure to get one right away. I usually have a few loaner books available at the start of the semester for students who have significant financial constraints. These are not the official class textbook, just loaner books to keep at home as a reference. I distribute them first-come, first-served. Contact me right away if you’d like to borrow one.
CANVAS, CCSF’s online learning management system, contains the full schedule for the semester, including all assignment deadlines. You will use CANVAS to submit all completed assignments. First, take photos of or scan your completed workbook pages, then insert those images into a single file that you can save as a PDF. Upload the completed PDF for grading in CANVAS by the given deadlines.

The class website describes the weekly class content and provides links to all the class resources. You can access the class website anytime you’d like directly. CANVAS can be accessed only after you’ve been added to the class and received your login information.

All course information and content can be found in the videos and resources on the class website; all assignments are in your workbook; use CANVAS to upload your assignments, access keys to make corrections, and review your class grades.

This class is flipped, which means lecture happens outside the classroom before you come in for the week. We use class time for interactive questions and answers and discussion. The lectures you experience at home are a combination of videos and reading. You watch and read the lectures at your speed, complete some assignments based on them, and then come to the classroom to ask questions, discuss assignments, work with the instructor and your fellow students, and build your understanding.

Let’s explore an example: Week three: Plate Tectonics.

By midnight, the night before the first class of the week, you will need to have watched all the chapter video tutorials, completed the chapter worksheet, uploaded it to CANVAS, and taken the online quiz, which is accessed through Google Docs and your CCSFMail. After this deadline, you will bring your completed assignment to class where you will discuss your questions with your fellow students and instructor, after which you will receive a key to make corrections. Use discussions to ask and answer questions related to the week’s content. Your fellow students are your first resource for help. Helping them in return by explaining things you understand will also help you.

Here are the video tutorials for Plate Tectonics. The simple VIDEO link gives you just the .mp4 file (you are welcome to download these to your local computer if you want to use them later away from the internet). The VIDEO + CC link lets you stream the video over the internet with closed captioning. Here’s what a video looks like with the closed captioning turned on (notice the CC button allows you to toggle back and forth). Each video also has embedded quizzes, and whether you watch the .mp4 or the streaming version, the video will tell you to pause so you can consider the questions, then it will show the answers. Embedded quizzes are intended to help you reflect on the material and evaluate your own understanding. You can see that each video has a corresponding script that includes word for word exactly what’s in the video.

I recommend you watch every video at least twice – the first time take notes in your workbook, especially on the accompanying figures. Then after watching the video, complete the chapter worksheet. To get full credit for homework, it must be 100% complete with thoughtful answers, not necessarily correct ones. If, after referencing the videos, scripts, and other class resources, you still don’t know the answer to any of the questions, still provide a thoughtful set of notes about what you do know about the question itself and any
possible related answer. Then circle it to remind yourself to ask for help in class. A blank answer or an “I don’t know.” will prevent you from getting points for the assignment, so be sure you provide a thoughtful answer to every question.

Weekly quizzes are accessed through a link on the website, as shown here. To open the quiz, you must log in with your CCSFMail username and password. Quizzes are open book, open notes, but individual effort only (they are NOT collaborative). After it closes there are no makeup quizzes. (I do drop your two lowest quiz scores for the semester to handle emergencies.) Quiz questions and answers come from the video tutorials and accompanying worksheets.

Keys are released for quizzes and homework each class day. Be sure to make corrections right away in your workbook, so your workbook is a current and corrected resource for you and you don’t repeat mistakes on future assignments.

By midnight, the night before the second class meeting of the week, complete your secondary workbook activity for the week’s content and upload it to CANVAS. Like the chapter worksheet, to get full credit, this activity needs to have 100% of the questions addressed thoughtfully. Bring completed assignments to class to review with your fellow students and get answers to any questions. Make corrections with the key provided after class.

Students receive homework points for chapter worksheets and the secondary activity sheet of the week. I drop two week’s worth of these homework points for the entire semester to handle emergencies.

Chapter worksheets, activities, and quizzes combined are used to help you understand the material, which you will then demonstrate on exams. There are 3 total exams. Each is worth 21% of your total grade in the class. Your combined quiz scores are worth 22%. Your homework is worth 15%.

Exam questions cover topics from weekly activities and worksheets. As such, it’s in your best interest to complete thoughtfully each assignment, take notes in your workbook, and carefully correct all your completed activities. Especially take note of the figures, and be sure you understand what they are saying. There are no makeups for exams.

Though assignment deadlines are spread throughout the week-you can complete all of them ahead of time. If the only time you have to give to the class is on weekends, please plan ahead and complete assignments the weekend before.

To get an average C grade in this class, the average student will have to put in nine hours per week of work (for a 17.5-week semester) – reading, watching the online tutorials, taking the online quizzes, completing worksheets and activities, reviewing the material in preparation for exams, and engaging in class discussion. 3 of those weekly hours are spent in class, and 6 hrs per week for homework. That time requirement is set by education code and must be met by all 3-unit college lecture courses. So be prepared! Also note that 9 hours per week means more than 18 hours a week to catch up if you are sick or absent one week. Please make sure that if you choose to stay enrolled in this class, you can commit to giving it the time required to be successful.
Your homework points and quiz scores are also indicators of your attendance in the class. If you miss 2 weeks of activities, 2 quizzes, or 1 exam without an immediate explanation and plan for catching back up, you will be dropped. PLEASE NOTE: I do not keep students enrolled just for financial aid, benefits, or student visa status. If you plan to stay enrolled, you MUST keep attending and participating.

The first week of the semester, in addition to watching this video tutorial, you will also need to complete the Introductory Class Survey, buy the workbook, read and complete the **What is Science? Activity**, and meet your fellow students.

And that’s how this class runs. If you are prepared and willing to sign up for the work required for this class, then welcome on board!

**Class Policies**
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