

# SP19 - GEOL 110: Earth and Space Science (20795)

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## Earth and Space Science (Geology 110)

Spring 2019/Imperial Valley College

Kevin Marty [[Contact Info](#)]

Earth and Space Science is an entry level course on principles and concepts of science relevant to geology, astronomy, oceanography and meteorology.

<---- See Sidebar for Modules, Assignments, Announcements, Quizzes and other links



Kevin Marty, Partial Lunar Eclipse, May 2012

**Hello and welcome to Geology 110 (Earth and Space Science). Below is the syllabus that outlines what this course is about and how we will cover the course material during this semester (along with other important information). Once you have reviewed the syllabus, please go to the modules section of Canvas and read through other important information regarding this course, and get started on your assignments when you are ready.**

## Basic Course Information

<b>Semester</b>	<b>Spring 2019</b>	Instructor Name	<b>Kevin Marty</b>
<b>Course Title &amp; #</b>	<b>Geology 110</b>	Email	<a href="mailto:kevin.marty@imperial.edu">kevin.marty@imperial.edu</a> ( <a href="mailto:kevin.marty@imperial.edu">mailto:kevin.marty@imperial.edu</a> )
<b>CRN #</b>	<b>CRN: 20795</b>	Webpage (optional)	<a href="http://www.kevinmartyphotography.artspan.com">www.kevinmartyphotography.artspan.com</a> ( <a href="http://www.kevinmartyphotography.artspan.com">http://www.kevinmartyphotography.artspan.com</a> )
<b>Room</b>	<b>Online</b>	Office	<b>2772</b>
<b>Class Dates</b>	<b>Feb 11-June 7</b>	Office Hours	TBA
Class Days	<b>Online</b>	Office Phone #	<b>760-355-5761</b>
Class Times	<b>Online</b>	Office contact if instructor will be out or emergency	<b>Ofelia Duarte (Science Dept) at 760-355-6155</b>
Units	<b>3</b>		

## Course Description

This introductory earth and space science course covers basic principles from the fields of geology, astronomy, oceanography, and meteorology. Minerals and rocks, natural processes acting at the earth's surface and within the Earth, plate tectonics, geologic time and dating, composition and motions of the Earth, solar system, phases of the moon, origin and life cycles of stars, galaxies, water movements, ocean floor, weather and climate, along with other related topics will be studied. (C-ID GEOL 120) (CSU, UC)

(more)

The Earth System is diverse and dynamic, featuring volcanoes, earthquakes, tsunamis, landslides, floods, hurricanes, tornadoes, and so on. As citizens, we want to understand what is going on in our natural world and which aspects directly affect us or are most interesting. Understanding past events helps us comprehend what has happened and begin to predict future events. With the Earth System (it's components being the Atmosphere, Hydrosphere-including ice, Biosphere, Geosphere and influences from Space or the Exosphere), we examine past events and current natural processes to understand how this past and these

processes affect humans. We will examine Space, the evolution of the Solar System and how space affects Earth's systems.

Accordingly, this course looks at the processes and materials composing Earth's physical environment, for example, its landscapes, interior, air and water, and explores topics such as natural hazards and disasters, fossils, energy resources, and much more. This course also explores topics related to space, such as the evolution of stars and our solar system, and examines evidence of past impacts and the threat of impacts with space objects today. To do so, we will learn some underlying principles of the natural world, from small things like the very building blocks of matter (atoms), to large things, like the cause and effect of regional forces that build mountains (e.g., the Himalayas) and make new oceans (e.g., the Red Sea). These processes are active today on Earth, whether driven by the Sun or Earth's internal heat, and as mentioned above can culminate in earthquakes, volcanoes, landslides, ocean currents and hurricanes, all of which obviously affect humans.

### Student Learning Outcomes

Upon course completion, the successful student will have acquired new skills, knowledge, and or attitudes as demonstrated by being able to:

1. Gain critical thinking skills while working on and completing weekly homework assignments which include applying methods such as Venn diagrams, rubrics, and concept maps. (ILO2)
2. Gain awareness of geological events, weather and climate patterns and oceanic circulation on a global scale and understand/evaluate why events/features occur where they do. Assessment done through various homework assignments. (ILO5)
3. Gain knowledge of geological, meteorological, astronomical and oceanic features and processes through lectures, research papers, exams and presentations. Ties to all objectives. (ILO4)

### Course Objective

Upon satisfactory completion of the course, students will be able to:

1. Demonstrate a basic understanding of the nature of matter, and describe the movement of matter and energy through the natural processes on Earth.
2. Explain the character of the sediments, rocks, and minerals of which they are composed, and relate this to the rock cycle.
3. Identify and explain the major subdivisions of Earth and processes acting deep inside Earth that effect the environment at the Earth's surface.
4. Describe the time frame within which natural processes function, and learn ways geologists use to decipher Earth's history.

5. Demonstrate an understanding of the theory of plate tectonics and relate this to earthquakes, volcanoes, mountain building and the evolution of the physical world over million of years.
6. Identify the cause and effect of earthquakes and how they are measured, and the effect on people.
7. Characterize volcanic activity and identify its natural causes and impact on the environment.
8. Identify landscapes and source of sediments on the sea floor, and show the relationship between geology and ecology of the oceans.
9. Demonstrate knowledge of the dynamics of the sea by understanding near surface and deep sea circulation patterns and interaction with the atmosphere, and the composition and properties of sea water.
10. Identify the processes that effect sea level and shape the shoreline, and understand coastal environments.
11. Describe the composition and structure of the atmosphere, and examine atmospheric circulation, weather systems and storms, along with modern and past climates.
12. Describe the connection among ecology, climate and geology, and understand the character of the land surface and the agents that shape the landscape.
13. Explain the weathering process and the products of weathering.
14. Explain mass wasting and ways to avoid and prevent it.
15. Demonstrate a knowledge and understating of the role of water and wind in earth systems. Processes such as runoff, erosion, deflation and features such as stream, groundwater, and dune systems will be examined.
16. Explain the formation of glacier ice, the ways ice and ice deposits shape the landscape, and the connection between glaciers and other parts of Earth's systems.
17. Demonstrate a knowledge and understanding of the sun, the moon, the planets and other characteristics of the solar system and beyond.

## Textbooks & Other Resources or Links

1) McConnell, D., and others. The Good Earth (Third/e). New York McGraw-Hill. (Available online through Canvas that connects you to McGraw Hill's website; see announcement).

Three scientific themes are emphasized throughout the text: 1) scientific literacy; 2) Earth Science and the human experience; and, 3) the science of global change. This book will help you learn earth science concepts and processes on your own and complement what we do in class.

The Key Concepts and Terms List is your guide to what is important (found at the back of your class handbook). Required reading is listed in the right column of the Lecture Schedule later on in this document.

Checkpoints are found on nearly every page in each chapter. These checkpoints consist of a wide variety of learning methods from construction of Venn Diagrams to filling in rubrics and constructing concept maps. Some of these checkpoints along with sketches are linked to your lessons and are a key component to doing well on Exams.

## Course Requirements and Instructional Methods

Course Philosophy and Teaching Method: The subject of Earth Science is as vast and diverse as the natural world around us. Together, we will explore and visualize this dynamic world in a number of ways; in no way will it be a static collection of facts. Accordingly, we will concentrate on understanding natural processes and how we explore and learn things about our planet, rather than terms and factual trivia. We will concentrate on active, inquiry-based learning and will learn how to observe, think about, and understand our place in the natural environment. The critical inquiry and observational skills that we cultivate this semester should be useful in any profession, since they give you an appreciation of how earth science processes in our natural world impact our environment and society.

It is your responsibility and obligation to complete the required readings each week and prior to any online quizzes.

Course Expectations: My role in this class is to provide a framework that includes theory, best practices, activities, and assignments for you to utilize in the development of your knowledge, understanding, and skills. I care very much how and what you learn in this class, but I believe that you are responsible for participating in learning from the activities provided. This class requires significant preparation and reading.

## Course Grading Based on Course Objectives

### Grades:

In this course, your grade will be based on points that you earn. There are approximately 600 possible points, which are written out below:

Point Distribution Summary*	Points
<b>Three Test @ ~100 points each (300 points total); one short research paper (turned in during the test period for Test 2); <u>1@50 (mailto:2@50)</u> _pts each</b>	<b>350</b>
<b>Quizzes (10 @ 7.5 pts each; 2 @ 15 pts each)</b>	<b>105</b>
<b>Discussion boards ~6 @ 10-15 pts each; also two quizzes based on outside investigations...AND...</b>	<b>~150</b>

<b>6 Journal Posts (see under "Discussions" for information/requirements for the Journal Entries and a grading rubric) @ 10 Pts each</b>	
<b>LearnSmart through McGraw Hill Website (optional)</b>	0 required (up to 12 pts extra credit)
<b>Total Points Possible</b>	<b>~600</b>

**Tests:** There are 3 total tests over four chapters each. Each of the 3 tests is worth 100 points, for a semester total of 300 points. The tests consist of 50 multiple choice/answer, reading comprehension, fill-in-the-blank type questions (each question worth 2 pts for 100 pts total). Your textbook is your best study guide for the tests along with the chapter quizzes.

For Test 2 you are also required to complete and turn in **one short research paper** (the details are found in an announcement)...this are turned in through Canvas for a plagiarism check and worth 50 pts.

You can make up exams only if you have a note from a doctor, a letter from the university regarding some university-sponsored activity, a copy of a jury summons, a police report, or some other document that can be verified. This legitimate proof for why you cannot attend class that day must be provided to the instructor as far in advance of the exam as possible.

**Quizzes:** there are a total of 12 quizzes scheduled (one for each chapter covered) that generally consist of 15 questions worth  $\frac{1}{2}$  point each (so the total points possible for each quiz is ~8; two of the quizzes are worth 15 pts). See syllabus for quiz due dates. Some of these questions will be found on your three tests described above so are a partial study guide (along with reading the chapters) for your tests. These cannot be made up once each due date passes.

**Optional LearnSmart (Connect through McGraw Hill):** if you purchase an eBook, you will have access to McGraw Hill's LearnSmart workbook. This workbook consists of a variety of learning activities (e.g., multiple choice/multiple answer/fill-in-the blank/matching problems) that will help you understand the subject and ties directly to the eBook (when you practice and don't understand a question, for example, LearnSmart will refer you directly to the section in the textbook that will be highlighted so you can focus your reading and understand the problem better and answer the question with more confidence). **You will also find questions from the LearnSmart workbook on your quizzes and tests! So, while you don't earn points for completing the LearnSmart workbook, it is an excellent study guide for your graded quizzes and tests!** Please work through the workbook (chapters vary in length but on average you should spend at minimum 90-120 minutes per week reading the textbook and working through the workbook). One other incentive for purchasing the eBook is over the semester you can earn up to 12 pts extra credit (each assignment is worth 1 pt and there are 12 total). While it doesn't seem like much per assignment, over the semester it's enough points to replace one missed post or a quiz.

**Discussion Boards/Journal Entries:** Discussions are ways to present your viewpoint or what you have learned about a topic to the class; and to respond to your classmate's posts to further discussion on a topic. Discussions are completed through Canvas and are generally worth 10-15 points. Sometimes an initial as

well as a response post (to classmate's posts) are required. Not all lessons require a post (click on "Discussions" above to see the schedule); a couple discussion boards require quizzes instead of written posts...ALSO, there are 6 Journal Entries required for this course (read about this under the "Discussions" link to the left).

**Field Trip:** One (extra credit) hike is planned for this semester (details later).

**Due Dates:** The above assignments have specifically defined due dates as noted in the Course Schedule (see Table below). It is your responsibility to keep up on all due dates. The instructor will not assume the responsibility of reminding you that an assignment is due or that an exam will be given.

**Score/Grade Posting:** All scores will be posted on Canvas. You have 7 days after a score has been posted to dispute an entry. After the 7-day period, the score stands as entered. Do not wait until the end of the semester to check your scores. Grades are not assigned by a "curve", where a certain percent is assigned "A", "B", etc. Instead, you are competing against my expectations, not your classmates, and there is no predetermined percentage of "A", "B", and "C". The exact division between letter grades will not be determined until the final points are totaled, but the grade breaks will not be raised above typical values (e.g., the A-B grade break will be 90% or lower, etc.). No items are weighted—your grade is based solely on total points received. Please note also that I use Canvas only to 'show' you your scores, but not to grade you. Any grade you see in Canvas is probably inaccurate, so only check to make sure your scores are recorded correctly...to figure out your approximate grade at any given point, add up to total points possible to the date you are figuring out your score, and divide that into the total points you have earned (which you will find through Canvas)...then multiply that number by 100 to get your percentage.

**Dates for Withdrawals:** There is a course withdrawal deadline—check the college calendar to find the course withdrawal deadline for this semester. The course withdrawal deadline is a no-tolerance policy. When the withdrawal period ends, students only have one option – a grade of F for the course.

**Incomplete Grade:** A mark of "I" is given only when a student who is otherwise doing acceptable work is unable to complete a course because of an illness or other situation beyond the student's control. The student is required to arrange for the completion of the course requirements with the instructor. The university does not allow instructors to assign a grade of "I" simply because a student has quit attending classes and/or completing assignments.

## Attendance

- A student who fails to show up for the first class meeting can be dropped by the instructor. For an online class, this means not completing (or attempting to complete) and submitting required assignments during the first week. Should readmission be desired, the student's status will be the same as that of any other student who desires to add a class. It is the student's responsibility to drop or officially withdraw from the class. See the **[IVC General Catalog](https://www.imperial.edu/courses-and-programs/catalogs-and-schedules/)** **[\(https://www.imperial.edu/courses-and-programs/catalogs-and-schedules/\)](https://www.imperial.edu/courses-and-programs/catalogs-and-schedules/)** for details.
- Furthermore, students who fail to complete required activities for two consecutive weeks may be considered to have excessive absences and may be dropped.

## Online Classroom "Netiquette "

- What is netiquette? Netiquette is internet manners, online etiquette, and digital etiquette all rolled into one word (this applies to strictly online and hybrid classes).
- Netiquette rules to remember: (1) identify yourself, (2) include a subject line, (3) avoid sarcasm, (4) respect others' opinions and privacy, (5) acknowledge and return messages promptly, (6) copy with caution, (7) do not spam or junk mail, (8) be concise, (9) use appropriate language, (10) use appropriate emoticons (emotional icons) to help convey meaning, and (11) use appropriate intensifiers to help convey meaning [do not use ALL CAPS or multiple exclamation marks (!!!!!)].

## Academic Honesty

- Plagiarism is taking and presenting as one's own the writings or ideas of others, without citing the source. You should understand the concept of plagiarism and keep it in mind when taking exams and preparing written materials. If you do not understand how to 'cite a source' correctly, you must ask for help.
- Cheating is defined as fraud, deceit, or dishonesty in an academic assignment, or using or attempting to use materials, or assisting others in using materials that are prohibited or inappropriate in the context of the academic assignment in question.
- Anyone caught cheating or will receive a zero (0) on the exam or assignment, and the instructor may report the incident to the Campus Disciplinary Officer, who may place related documentation in a file. Repeated acts of cheating may result in an F in the course and/or disciplinary action. Please refer to the General School Catalog for more information on academic dishonesty or other misconduct. Acts of cheating include, but are not limited to, the following: (a) plagiarism; (b) copying or attempting to copy from others during an examination or on an assignment; (c) communicating test information with another person during an examination; (d) allowing others to do an assignment or portion of an assignment; (e) using a commercial term paper service.

## Additional Help – Discretionary Section and Language

Help Along The Way: Many students enter this class with a bit of anxiety. Other students may have various disabilities, including test anxiety, which may make traditional classroom environments very difficult. Don't worry, almost all such students before you have passed this course – many with very high grades! The success of many of these students, though, was in part because they attended class regularly, took advantage of my office hours, or obtained help from their peers. If you are having difficulty understanding the course work, please contact me immediately. Also, the college has learning centers, disability resource centers, and counseling centers to address the various needs of students. (see examples next):

- Learning Labs: There are several 'labs' on campus to assist you through the use of computers, tutors, or a combination. Please consult your college map for the Math Lab, Reading & Writing Lab, and Study Skills Center (library). Please speak to the instructor about labs unique to your specific program.
- Library Services: There is more to our library than just books. You have access to tutors in the Study Skills Center, study rooms for small groups, and online access to a wealth of resources.

## Disabled Student Programs and Services (DSPS)



Any student with a documented disability who may need educational accommodations should notify the instructor or the Disabled Student Programs and Services (DSP&S) office as soon as possible. The DSP&S office is located in Building 2100, telephone 760-355-6313, if you feel you need to be evaluated for educational accommodations.

### Student Counseling and Health Services

Students have counseling and health services available, provided by the pre-paid Student Health Fee. We now also have a fulltime mental health counselor. For information see

<http://www.imperial.edu/students/student-health-center/> (<http://www.imperial.edu/students/student-health-center/>). The IVC Student Health Center is located in the Health Science building in Room 2109, telephone 760-355-6310.

### Student Rights and Responsibilities

Students have the right to experience a positive learning environment and due process. For further information regarding student rights and responsibilities, please refer to the IVC General Catalog available online at

[http://www.imperial.edu/index.php?option=com\\_docman&task=doc\\_download&gid=4516&Itemid=762](http://www.imperial.edu/index.php?option=com_docman&task=doc_download&gid=4516&Itemid=762)  
([http://www.imperial.edu/index.php?option=com\\_docman&task=doc\\_download&gid=4516&Itemid=762](http://www.imperial.edu/index.php?option=com_docman&task=doc_download&gid=4516&Itemid=762))

### Information Literacy

Imperial Valley College is dedicated to helping students skillfully discover, evaluate, and use information from all sources. Students can access tutorials at

<http://www.imperial.edu/courses-and-programs/divisions/arts-and-letters/library-department/info-lit-tutorials/>  
(<http://www.imperial.edu/courses-and-programs/divisions/arts-and-letters/library-department/info-lit-tutorials/%20>)

### Anticipated Class Schedule / Calendar

Schedule for Geology 110: Earth and Space Science, Spring 2019

\*All due dates and distribution of grade points is subject to change according to class needs.

\*\*NOTE: for purposes of this online class, the week begins on Mondays at 12:01 am and ends on Sundays at 11:59 pm.

Day 1 is Monday and Day 7 is Sunday (and, for example, Day 4 is Thursday) each week.

Week of	Topic/Lecture/Test	Readings
Feb 11-17 (Holiday Wknd Feb 15-18)	Lesson 1: Introduction to course and Scientific Method; Get Books Intro Post Day 5, Response Posts Day 7	Chapter 1

	<p>Mystery of the Megaflood Video Post Due Day 7</p> <p>Quiz Chapter 1 Due Day 7 (Next Week on Feb 24)</p> <p>PLEASE NOTE: the quizzes prior to your first test are due the week after you have studied the corresponding chapter- so while you are working through Chapter 1 this week, the Quiz over Chapter 1 isn't due until next week...this will change after Test 1 where quizzes will be due the same week you study the material...so for example, Quiz 5 is due the same week you are studying Chapter 5.</p>	
Feb 18-24	<p>Lesson 2: Earth in Space</p> <p>Season's Assignment/Quiz, Due Day 7</p> <p>Quiz Chapter 1 Due; Quiz Chapter 2 Due Next Week Day 7 (Mar 3)</p>	Chapter 2
Feb 25-Mar 3	<p>Lesson 3: Near Earth Objects</p> <p>Space Exploration Post, Due Day 7</p> <p>Quiz Chapter 2 Due; Quiz Chapter 3 Due Next Week Day 7 (Mar 10)</p>	Chapter 3
Mar 4-10	<p>Lesson 4: Plate Tectonics (covered over 2 weeks)</p> <p>Journal Post 1</p> <p>Quiz Chapter 3 Due; Quiz Chapter 4 Due Day 7 Next Week (Mar 17)</p>	Chapter 4
Mar 11-17	<p>Lesson 4: Plate Tectonics</p> <p>Geology of National Parks Module/Post Due Day 5 and 7 (with response post)</p> <p>Quiz Chapter 4 Due Day 7</p>	Chapter 4
Mar 18-24	<p><b>Test 1: Opens Day 5 at 6 am and closes Day 7 at 11:59 pm. Taken online and found under "Quizzes" link.</b></p> <p><b>No Quiz</b></p> <p>Journal Post 2</p>	Test 1

Mar 25-31	Lesson 5: Earthquakes Earthquake Post Due Day 7 Quiz Chapter 5 Due Day 7	Chapter 5
Apr 1-7	Lesson 6: Volcanoes Journal Post 3 Quiz Chapter 6 Due Day 7	Chapter 6
Apr 8-14	Lesson 7: Rocks and Minerals Journal Post 4 Quiz Chapter 7 Due Day 7	Chapter 7
Apr 15-21 (Easter Apr 21)	Lesson 8: Geologic Time Geologic Time Investigation and Quiz due day 7 Quiz Chapter 8 Due Day 7	Chapter 8
Apr 22-28	Spring Break	Spring Break
Apr 29-May 5	<b>Test 2: Opens Day 5 at 6 am and closes Day 7 at 11:59 pm. Taken online and found under the "Quizzes" link; one short research paper due Day 7</b> No Post or Quiz	Test 2
May 6-12	Lesson 9: Oceans and Coastlines Oceanic Post due day 5 and 7 Quiz Chapter 13 Due Day 7	Chapter 13
May 13-19	Lesson 10: The Atmosphere Journal Post 5 Quiz Chapter 14 Due Day 7	Chapter 14
May 20-26	Lesson 11: Weather Systems Climate Post (Chasing Ice) Due Day 7	Chapter 15

















	Quiz Chapter 15 Due Day 7	
May 27-June 2	Lesson 12: Climate and Climate Change Journal Post 6 Quiz Chapter 16 Due Day 7	Chapter 16
June 3-8	<b>Test 3: Opens Day 5 at 6 am and closes Day 7 at 11:59 pm. Taken online and found under the "Quizzes" link.</b>	Test 3














## Course Summary:




















**Date**

**Details**






























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Date	Details	
Sun Feb 17, 2019	 <a href="https://imperial.instructure.com/courses/9130/assignments/130326">Lesson 1 (Chapter 1): Scientific Method Post Over Mystery of the Megaflood Due Day 7</a> <a href="https://imperial.instructure.com/courses/9130/assignments/130326">(https://imperial.instructure.com/courses/9130/assignments/130326)</a>	due by 11:59pm
	 <a href="https://imperial.instructure.com/courses/9130/assignments/130327">Lesson 1: Introductory Posts Due week 1</a> <a href="https://imperial.instructure.com/courses/9130/assignments/130327">(https://imperial.instructure.com/courses/9130/assignments/130327)</a>	due by 11:59pm
	 <a href="https://imperial.instructure.com/courses/9130/assignments/130286">Season's Assignment (Quiz)</a> <a href="https://imperial.instructure.com/courses/9130/assignments/130286">(https://imperial.instructure.com/courses/9130/assignments/130286)</a>	due by 11:59pm
Sun Feb 24, 2019	 <a href="https://imperial.instructure.com/courses/9130/assignments/130325">Post: Space Exploration</a> <a href="https://imperial.instructure.com/courses/9130/assignments/130325">(https://imperial.instructure.com/courses/9130/assignments/130325)</a>	due by 11:59pm
	 <a href="https://imperial.instructure.com/courses/9130/assignments/130307">Quiz Chapter 1 (NOT DUE UNTIL NEXT WEEK)</a> <a href="https://imperial.instructure.com/courses/9130/assignments/130307">(https://imperial.instructure.com/courses/9130/assignments/130307)</a>	due by 11:59pm
Sun Mar 3, 2019	 <a href="https://imperial.instructure.com/courses/9130/assignments/130142">Quiz Chapter 2 Due Next Week</a> <a href="https://imperial.instructure.com/courses/9130/assignments/130142">(https://imperial.instructure.com/courses/9130/assignments/130142)</a>	due by 11:59pm
Sun Mar 10, 2019	 <a href="https://imperial.instructure.com/courses/9130/assignments/130323">Lesson 4: Geology of National Parks</a> <a href="https://imperial.instructure.com/courses/9130/assignments/130323">(https://imperial.instructure.com/courses/9130/assignments/130323)</a>	due by 11:59pm
	 <a href="https://imperial.instructure.com/courses/9130/assignments/130108">Quiz Chapter 3 Due Next Week</a> <a href="https://imperial.instructure.com/courses/9130/assignments/130108">(https://imperial.instructure.com/courses/9130/assignments/130108)</a>	due by 11:59pm
Sun Mar 17, 2019	 <a href="https://imperial.instructure.com/courses/9130/assignments/130548">Chapter 1. Introduction to Earth Science</a> <a href="https://imperial.instructure.com/courses/9130/assignments/130548">(https://imperial.instructure.com/courses/9130/assignments/130548)</a>	due by 8:59pm
	 <a href="https://imperial.instructure.com/courses/9130/assignments/130549">Chapter 2. Earth in Space</a> <a href="https://imperial.instructure.com/courses/9130/assignments/130549">(https://imperial.instructure.com/courses/9130/assignments/130549)</a>	due by 8:59pm
	 <a href="https://imperial.instructure.com/courses/9130/assignments/130550">Chapter 3. Near-Earth Objects</a> <a href="https://imperial.instructure.com/courses/9130/assignments/130550">(https://imperial.instructure.com/courses/9130/assignments/130550)</a>	due by 8:59pm
	 <a href="https://imperial.instructure.com/courses/9130/assignments/130551">Chapter 4. Plate Tectonics</a> <a href="https://imperial.instructure.com/courses/9130/assignments/130551">(https://imperial.instructure.com/courses/9130/assignments/130551)</a>	due by 8:59pm
	 <a href="https://imperial.instructure.com/courses/9130/assignments/130227">Quiz Chapter 4 (NOTE: this quiz, due next week, consists of 30 questions and extra time- 75 minutes- to complete it)</a> <a href="https://imperial.instructure.com/courses/9130/assignments/130227">(https://imperial.instructure.com/courses/9130/assignments/130227)</a>	due by 11:59pm
Sun Mar 24, 2019	 <a href="https://imperial.instructure.com/courses/9130/assignments/130321">Lesson 5: Earthquake Post</a> <a href="https://imperial.instructure.com/courses/9130/assignments/130321">(https://imperial.instructure.com/courses/9130/assignments/130321)</a>	due by 11:59pm
	 <a href="https://imperial.instructure.com/courses/9130/assignments/130177">Test 1 Chapters 1-4: opens Day 5 at 6 am and closes on Day 7 at 11:59 pm.</a> <a href="https://imperial.instructure.com/courses/9130/assignments/130177">(https://imperial.instructure.com/courses/9130/assignments/130177)</a>	due by 11:59pm
Sun Mar 31, 2019	 <a href="https://imperial.instructure.com/courses/9130/assignments/130276">Quiz Chapter 5 (Note: this quiz consists of 30 questions and you have 75 minutes to complete it)</a> <a href="https://imperial.instructure.com/courses/9130/assignments/130276">(https://imperial.instructure.com/courses/9130/assignments/130276)</a>	due by 11:59pm

Date	Details	
Sun Apr 7, 2019	 <b><u>Quiz Chapter 6</u></b> <a href="https://imperial.instructure.com/courses/9130/assignments/130251">https://imperial.instructure.com/courses/9130/assignments/130251</a>	due by 11:59pm
Sun Apr 14, 2019	 <b><u>Quiz Chapter 7</u></b> <a href="https://imperial.instructure.com/courses/9130/assignments/129991">https://imperial.instructure.com/courses/9130/assignments/129991</a>	due by 11:59pm
Sun Apr 21, 2019	 <b><u>Lesson 9: Oceans and Coastlines Post</u></b> <a href="https://imperial.instructure.com/courses/9130/assignments/130318">https://imperial.instructure.com/courses/9130/assignments/130318</a>	due by 11:59pm
Sun Apr 28, 2019	 <b><u>Chapter 5. Earthquakes</u></b> <a href="https://imperial.instructure.com/courses/9130/assignments/130552">https://imperial.instructure.com/courses/9130/assignments/130552</a>	due by 8:59pm
	 <b><u>Chapter 6. Volcanoes and Mountains</u></b> <a href="https://imperial.instructure.com/courses/9130/assignments/130553">https://imperial.instructure.com/courses/9130/assignments/130553</a>	due by 8:59pm
	 <b><u>Chapter 7. Rocks and Minerals</u></b> <a href="https://imperial.instructure.com/courses/9130/assignments/130554">https://imperial.instructure.com/courses/9130/assignments/130554</a>	due by 8:59pm
	 <b><u>Chapter 8. Geologic Time</u></b> <a href="https://imperial.instructure.com/courses/9130/assignments/130555">https://imperial.instructure.com/courses/9130/assignments/130555</a>	due by 8:59pm
	 <b><u>Geologic Time Quiz Berkeley</u></b> <a href="https://imperial.instructure.com/courses/9130/assignments/130093">https://imperial.instructure.com/courses/9130/assignments/130093</a>	due by 11:59pm
	 <b><u>Quiz Chapter 8</u></b> <a href="https://imperial.instructure.com/courses/9130/assignments/130105">https://imperial.instructure.com/courses/9130/assignments/130105</a>	due by 11:59pm
	Sun May 5, 2019	 <b><u>Lesson 11: Climate and Climate Change (Chasing Ice Video); looking ahead to the last week on climate</u></b> <a href="https://imperial.instructure.com/courses/9130/assignments/130316">https://imperial.instructure.com/courses/9130/assignments/130316</a>
 <b><u>Test 2 Chapters 5-8; Opens Day 5 at 6 am and closes Day 7 at 11:59 pm</u></b> <a href="https://imperial.instructure.com/courses/9130/assignments/129995">https://imperial.instructure.com/courses/9130/assignments/129995</a>		due by 11:59pm
 <b><u>Short Research Paper Due Day 7 of this week</u></b> <a href="https://imperial.instructure.com/courses/9130/assignments/130338">https://imperial.instructure.com/courses/9130/assignments/130338</a>		due by 11:59pm
Sun May 12, 2019	 <b><u>Quiz Chapter 13</u></b> <a href="https://imperial.instructure.com/courses/9130/assignments/130136">https://imperial.instructure.com/courses/9130/assignments/130136</a>	due by 11:59pm

Date	Details	
Sun May 19, 2019	 <b><u><a href="https://imperial.instructure.com/courses/9130/assignments/130329">Earthquake Assignment</a></u></b> (https://imperial.instructure.com/courses/9130/assignments/130329)	due by 11:59pm
	 <b><u><a href="https://imperial.instructure.com/courses/9130/assignments/130334">Hurricane Tracking Assignment</a></u></b> (https://imperial.instructure.com/courses/9130/assignments/130334)	due by 11:59pm
	 <b><u><a href="https://imperial.instructure.com/courses/9130/assignments/130187">Quiz Chapter 14</a></u></b> (https://imperial.instructure.com/courses/9130/assignments/130187)	due by 11:59pm
	 <b><u><a href="https://imperial.instructure.com/courses/9130/assignments/130342">Volcano Assignment</a></u></b> (https://imperial.instructure.com/courses/9130/assignments/130342)	due by 11:59pm
Sun May 26, 2019	 <b><u><a href="https://imperial.instructure.com/courses/9130/assignments/130289">Quiz Chapter 15</a></u></b> (https://imperial.instructure.com/courses/9130/assignments/130289)	due by 11:59pm
	 <b><u><a href="https://imperial.instructure.com/courses/9130/assignments/130556">Chapter 13. Oceans and Coastlines</a></u></b> (https://imperial.instructure.com/courses/9130/assignments/130556)	due by 8:59pm
Sun Jun 2, 2019	 <b><u><a href="https://imperial.instructure.com/courses/9130/assignments/130557">Chapter 14. The Atmosphere</a></u></b> (https://imperial.instructure.com/courses/9130/assignments/130557)	due by 8:59pm
	 <b><u><a href="https://imperial.instructure.com/courses/9130/assignments/130558">Chapter 15. Weather Systems</a></u></b> (https://imperial.instructure.com/courses/9130/assignments/130558)	due by 8:59pm
	 <b><u><a href="https://imperial.instructure.com/courses/9130/assignments/130559">Chapter 16. Earth's Climate System</a></u></b> (https://imperial.instructure.com/courses/9130/assignments/130559)	due by 8:59pm
	 <b><u><a href="https://imperial.instructure.com/courses/9130/assignments/130210">Quiz Chapter 16</a></u></b> (https://imperial.instructure.com/courses/9130/assignments/130210)	due by 11:59pm
	 <b><u><a href="https://imperial.instructure.com/courses/9130/assignments/130340">Test 3 Short Research Paper for Extra Credit (see previous description of topics at Test 2)</a></u></b> (https://imperial.instructure.com/courses/9130/assignments/130340)	due by 11:59pm
Fri Jun 7, 2019	 <b><u><a href="https://imperial.instructure.com/courses/9130/assignments/130015">Test 3 Chapters 13-16; Opens Day 3 at 6 am and closes Day 5 at 11:59 pm</a></u></b> (https://imperial.instructure.com/courses/9130/assignments/130015)	due by 11:59pm
	 <b><u><a href="https://imperial.instructure.com/courses/9130/assignments/129986">Atmosphere Quiz</a></u></b> (https://imperial.instructure.com/courses/9130/assignments/129986)	
 <b><u><a href="https://imperial.instructure.com/courses/9130/assignments/130027">Atmosphere Quiz</a></u></b> (https://imperial.instructure.com/courses/9130/assignments/130027)		
 <b><u><a href="https://imperial.instructure.com/courses/9130/assignments/130112">Atmosphere Quiz</a></u></b> (https://imperial.instructure.com/courses/9130/assignments/130112)		
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






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






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















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## Date

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-  [Checkpoint Questions Chapter 1](https://imperial.instructure.com/courses/9130/assignments/130219)  
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-  [Checkpoint Questions Chapter 1](https://imperial.instructure.com/courses/9130/assignments/130242)  
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-  [Checkpoint Questions Chapter 1](https://imperial.instructure.com/courses/9130/assignments/130254)  
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-  [Checkpoint Questions Chapter 1](https://imperial.instructure.com/courses/9130/assignments/130308)  
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-  [Checkpoint Questions Chapter 1](https://imperial.instructure.com/courses/9130/assignments/130309)  
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-  [Curve Points](https://imperial.instructure.com/courses/9130/assignments/130328) (<https://imperial.instructure.com/courses/9130/assignments/130328>)
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-  [extra credit](https://imperial.instructure.com/courses/9130/assignments/130330) (<https://imperial.instructure.com/courses/9130/assignments/130330>)
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-  [extra credit including hike](https://imperial.instructure.com/courses/9130/assignments/130331)  
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-  [Geologic Time Quiz](https://imperial.instructure.com/courses/9130/assignments/130049)  
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**[Geologic Time Quiz](https://imperial.instructure.com/courses/9130/assignments/130160)**

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**[Geologic Time Quiz](https://imperial.instructure.com/courses/9130/assignments/130188)**

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**[Geologic Time Quiz](https://imperial.instructure.com/courses/9130/assignments/130205)**

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**[Geologic Time Quiz](https://imperial.instructure.com/courses/9130/assignments/130221)**

[\(<https://imperial.instructure.com/courses/9130/assignments/130221>\)](https://imperial.instructure.com/courses/9130/assignments/130221)

**[Geologic Time Quiz](https://imperial.instructure.com/courses/9130/assignments/130277)**

[\(<https://imperial.instructure.com/courses/9130/assignments/130277>\)](https://imperial.instructure.com/courses/9130/assignments/130277)

**[handbook for test 1](https://imperial.instructure.com/courses/9130/assignments/130332)**

[\(<https://imperial.instructure.com/courses/9130/assignments/130332>\)](https://imperial.instructure.com/courses/9130/assignments/130332)

**[Hurricane Earthquake OR Volcano Assignment](https://imperial.instructure.com/courses/9130/assignments/130333)**

[\(<https://imperial.instructure.com/courses/9130/assignments/130333>\)](https://imperial.instructure.com/courses/9130/assignments/130333)

**[Journal Post 1: Due Day 7; BEFORE POSTING HERE READ ON "JOURNAL RUBRIC" ABOVE](https://imperial.instructure.com/courses/9130/assignments/130324)**

[\(<https://imperial.instructure.com/courses/9130/assignments/130324>\)](https://imperial.instructure.com/courses/9130/assignments/130324)

**[Journal Post 2 Due Day 7](https://imperial.instructure.com/courses/9130/assignments/130322)**

[\(<https://imperial.instructure.com/courses/9130/assignments/130322>\)](https://imperial.instructure.com/courses/9130/assignments/130322)

**[Journal Post 3 Due Day 7](https://imperial.instructure.com/courses/9130/assignments/130320)**

[\(<https://imperial.instructure.com/courses/9130/assignments/130320>\)](https://imperial.instructure.com/courses/9130/assignments/130320)

**[Journal Post 4 Due Day 7](https://imperial.instructure.com/courses/9130/assignments/130319)**

[\(<https://imperial.instructure.com/courses/9130/assignments/130319>\)](https://imperial.instructure.com/courses/9130/assignments/130319)

**[Journal Post 5 Due Day 7](https://imperial.instructure.com/courses/9130/assignments/130317)**

[\(<https://imperial.instructure.com/courses/9130/assignments/130317>\)](https://imperial.instructure.com/courses/9130/assignments/130317)

**[Journal Post 6 Due Day 7](https://imperial.instructure.com/courses/9130/assignments/130315)**

[\(<https://imperial.instructure.com/courses/9130/assignments/130315>\)](https://imperial.instructure.com/courses/9130/assignments/130315)

**[Lesson 10,11,12 \(last post!\): Weather and Climate](https://imperial.instructure.com/courses/9130/assignments/130314)**

[\(<https://imperial.instructure.com/courses/9130/assignments/130314>\)](https://imperial.instructure.com/courses/9130/assignments/130314)

**[Lesson 2: Space Exploration Post](https://imperial.instructure.com/courses/9130/assignments/130335)**

[\(<https://imperial.instructure.com/courses/9130/assignments/130335>\)](https://imperial.instructure.com/courses/9130/assignments/130335)






















**[Lesson 3: NEO post from NASA website \(optional\)](https://imperial.instructure.com/courses/9130/assignments/130310)**




















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**[Lesson 4: Dynamic Earth Post due week 1 of lesson 4](https://imperial.instructure.com/courses/9130/assignments/130311)**

[\(<https://imperial.instructure.com/courses/9130/assignments/130311>\)](https://imperial.instructure.com/courses/9130/assignments/130311)

**[Lesson 6: Volcano Post](https://imperial.instructure.com/courses/9130/assignments/130311)**

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	 <b><a href="#">Lesson 7: Minerals Post (optional)</a></b> <a href="https://imperial.instructure.com/courses/9130/assignments/130313">(<a href="https://imperial.instructure.com/courses/9130/assignments/130313">https://imperial.instructure.com/courses/9130/assignments/130313</a>)</a>
	 <b><a href="#">Mineral ID Online Lab</a></b> <a href="https://imperial.instructure.com/courses/9130/assignments/130013">(<a href="https://imperial.instructure.com/courses/9130/assignments/130013">https://imperial.instructure.com/courses/9130/assignments/130013</a>)</a>
	 <b><a href="#">Mineral ID Online Lab</a></b> <a href="https://imperial.instructure.com/courses/9130/assignments/130060">(<a href="https://imperial.instructure.com/courses/9130/assignments/130060">https://imperial.instructure.com/courses/9130/assignments/130060</a>)</a>
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	 <b><a href="#">Mineral ID Online Lab</a></b> <a href="https://imperial.instructure.com/courses/9130/assignments/130120">(<a href="https://imperial.instructure.com/courses/9130/assignments/130120">https://imperial.instructure.com/courses/9130/assignments/130120</a>)</a>
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	 <b><a href="#">Mineral ID Online Lab</a></b> <a href="https://imperial.instructure.com/courses/9130/assignments/130149">(<a href="https://imperial.instructure.com/courses/9130/assignments/130149">https://imperial.instructure.com/courses/9130/assignments/130149</a>)</a>
	 <b><a href="#">Mineral ID Online Lab</a></b> <a href="https://imperial.instructure.com/courses/9130/assignments/130284">(<a href="https://imperial.instructure.com/courses/9130/assignments/130284">https://imperial.instructure.com/courses/9130/assignments/130284</a>)</a>
	 <b><a href="#">MTU Website</a></b> ( <a href="https://imperial.instructure.com/courses/9130/assignments/130033">https://imperial.instructure.com/courses/9130/assignments/130033</a> )
	 <b><a href="#">MTU Website</a></b> ( <a href="https://imperial.instructure.com/courses/9130/assignments/130046">https://imperial.instructure.com/courses/9130/assignments/130046</a> )
	 <b><a href="#">MTU Website</a></b> ( <a href="https://imperial.instructure.com/courses/9130/assignments/130109">https://imperial.instructure.com/courses/9130/assignments/130109</a> )
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	 <b><a href="#">Optional LearnSmart Extra Credit</a></b> <a href="https://imperial.instructure.com/courses/9130/assignments/130336">(<a href="https://imperial.instructure.com/courses/9130/assignments/130336">https://imperial.instructure.com/courses/9130/assignments/130336</a>)</a>
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	 <a href="https://imperial.instructure.com/courses/9130/assignments/130290">Quiz 2 Chapter 2</a> ( <a href="https://imperial.instructure.com/courses/9130/assignments/130290">https://imperial.instructure.com/courses/9130/assignments/130290</a> )
	 <a href="https://imperial.instructure.com/courses/9130/assignments/130303">Quiz 2 Chapter 2</a> ( <a href="https://imperial.instructure.com/courses/9130/assignments/130303">https://imperial.instructure.com/courses/9130/assignments/130303</a> )
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	 <a href="https://imperial.instructure.com/courses/9130/assignments/130061">Quiz 3 Chapter 3</a> ( <a href="https://imperial.instructure.com/courses/9130/assignments/130061">https://imperial.instructure.com/courses/9130/assignments/130061</a> )
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-  [Quiz 5 Chapter 5](https://imperial.instructure.com/courses/9130/assignments/130094)  
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-  [Quiz 6 Chapter 6](https://imperial.instructure.com/courses/9130/assignments/130137)  
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-  [Quiz 6 Chapter 6](https://imperial.instructure.com/courses/9130/assignments/130138)  
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-  [Quiz 6 Chapter 6](https://imperial.instructure.com/courses/9130/assignments/130139)  
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-  [Quiz 6 Chapter 6](https://imperial.instructure.com/courses/9130/assignments/130211)  
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-  [Quiz 6 Chapter 6](https://imperial.instructure.com/courses/9130/assignments/130240)  
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-  [Quiz 6 Chapter 6](https://imperial.instructure.com/courses/9130/assignments/130282)  
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-  [Quiz 6 Chapter 6](https://imperial.instructure.com/courses/9130/assignments/130297)  
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-  [Quiz 7 Chapter 7](https://imperial.instructure.com/courses/9130/assignments/130036)  
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-  [Quiz 7 Chapter 7](https://imperial.instructure.com/courses/9130/assignments/130103)  
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-  [Quiz 7 Chapter 7](https://imperial.instructure.com/courses/9130/assignments/130178)  
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-  [Quiz 7 Chapter 7](https://imperial.instructure.com/courses/9130/assignments/130246)  
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## Date

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<https://imperial.instructure.com/courses/9130/assignments/130260>

**Quiz 8 Chapter 8**

<https://imperial.instructure.com/courses/9130/assignments/130005>

**Quiz 8 Chapter 8**

<https://imperial.instructure.com/courses/9130/assignments/130044>

**Quiz 8 Chapter 8**

<https://imperial.instructure.com/courses/9130/assignments/130078>

**Quiz 8 Chapter 8**

<https://imperial.instructure.com/courses/9130/assignments/130222>

**Quiz 8 Chapter 8**

<https://imperial.instructure.com/courses/9130/assignments/130226>

**Quiz 8 Chapter 8**

<https://imperial.instructure.com/courses/9130/assignments/130245>

**Quiz 8 Chapter 8**

<https://imperial.instructure.com/courses/9130/assignments/130274>

**Reminder: Chapter 4 Quiz Due This Week**

<https://imperial.instructure.com/courses/9130/assignments/130337>



**Season's Quiz** (<https://imperial.instructure.com/courses/9130/assignments/130235>)



**Season's Quiz** (<https://imperial.instructure.com/courses/9130/assignments/130266>)



**Space Weather** (<https://imperial.instructure.com/courses/9130/assignments/130034>)



**Space Weather** (<https://imperial.instructure.com/courses/9130/assignments/130200>)



**Space Weather** (<https://imperial.instructure.com/courses/9130/assignments/130243>)



**Test 1** (<https://imperial.instructure.com/courses/9130/assignments/130339>)



**test assign** (<https://imperial.instructure.com/courses/9130/assignments/130341>)



**Test Chapter 1** (<https://imperial.instructure.com/courses/9130/assignments/129975>)



**Test Chapter 1** (<https://imperial.instructure.com/courses/9130/assignments/129980>)



**Test Chapter 1** (<https://imperial.instructure.com/courses/9130/assignments/130023>)



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


















**Test Chapter 1** (<https://imperial.instructure.com/courses/9130/assignments/130140>)
































































**Test Chapter 1** (<https://imperial.instructure.com/courses/9130/assignments/130203>)































**Test Chapter 1** (<https://imperial.instructure.com/courses/9130/assignments/130255>)

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	 <a href="https://imperial.instructure.com/courses/9130/assignments/129989">Test Chapter 15 (https://imperial.instructure.com/courses/9130/assignments/129989)</a>
	 <a href="https://imperial.instructure.com/courses/9130/assignments/130025">Test Chapter 15 (https://imperial.instructure.com/courses/9130/assignments/130025)</a>
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	 <b>Test Chapter 5</b> ( <a href="https://imperial.instructure.com/courses/9130/assignments/130208">https://imperial.instructure.com/courses/9130/assignments/130208</a> )
	 <b>Test Chapter 5</b> ( <a href="https://imperial.instructure.com/courses/9130/assignments/130209">https://imperial.instructure.com/courses/9130/assignments/130209</a> )
	 <b>Test Chapter 5</b> ( <a href="https://imperial.instructure.com/courses/9130/assignments/130247">https://imperial.instructure.com/courses/9130/assignments/130247</a> )
	 <b>Test Chapter 5</b> ( <a href="https://imperial.instructure.com/courses/9130/assignments/130250">https://imperial.instructure.com/courses/9130/assignments/130250</a> )
	 <b>Test Chapter 5</b> ( <a href="https://imperial.instructure.com/courses/9130/assignments/130267">https://imperial.instructure.com/courses/9130/assignments/130267</a> )
	 <b>Test Chapter 6</b> ( <a href="https://imperial.instructure.com/courses/9130/assignments/129992">https://imperial.instructure.com/courses/9130/assignments/129992</a> )
	 <b>Test Chapter 6</b> ( <a href="https://imperial.instructure.com/courses/9130/assignments/130000">https://imperial.instructure.com/courses/9130/assignments/130000</a> )
	 <b>Test Chapter 6</b> ( <a href="https://imperial.instructure.com/courses/9130/assignments/130007">https://imperial.instructure.com/courses/9130/assignments/130007</a> )
	 <b>Test Chapter 6</b> ( <a href="https://imperial.instructure.com/courses/9130/assignments/130031">https://imperial.instructure.com/courses/9130/assignments/130031</a> )
	 <b>Test Chapter 6</b> ( <a href="https://imperial.instructure.com/courses/9130/assignments/130052">https://imperial.instructure.com/courses/9130/assignments/130052</a> )
	 <b>Test Chapter 6</b> ( <a href="https://imperial.instructure.com/courses/9130/assignments/130062">https://imperial.instructure.com/courses/9130/assignments/130062</a> )
	 <b>Test Chapter 6</b> ( <a href="https://imperial.instructure.com/courses/9130/assignments/130143">https://imperial.instructure.com/courses/9130/assignments/130143</a> )
	 <b>Test Chapter 6</b> ( <a href="https://imperial.instructure.com/courses/9130/assignments/130196">https://imperial.instructure.com/courses/9130/assignments/130196</a> )
	 <b>Test Chapter 6</b> ( <a href="https://imperial.instructure.com/courses/9130/assignments/130213">https://imperial.instructure.com/courses/9130/assignments/130213</a> )

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	 <a href="https://imperial.instructure.com/courses/9130/assignments/130231">Test Chapter 6 (https://imperial.instructure.com/courses/9130/assignments/130231)</a>
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	 <a href="https://imperial.instructure.com/courses/9130/assignments/129977">Test Chapter 7 (https://imperial.instructure.com/courses/9130/assignments/129977)</a>
	 <a href="https://imperial.instructure.com/courses/9130/assignments/129984">Test Chapter 7 (https://imperial.instructure.com/courses/9130/assignments/129984)</a>
	 <a href="https://imperial.instructure.com/courses/9130/assignments/129999">Test Chapter 7 (https://imperial.instructure.com/courses/9130/assignments/129999)</a>
	 <a href="https://imperial.instructure.com/courses/9130/assignments/130008">Test Chapter 7 (https://imperial.instructure.com/courses/9130/assignments/130008)</a>
	 <a href="https://imperial.instructure.com/courses/9130/assignments/130032">Test Chapter 7 (https://imperial.instructure.com/courses/9130/assignments/130032)</a>
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	 <a href="https://imperial.instructure.com/courses/9130/assignments/130102">Test Chapter 7 (https://imperial.instructure.com/courses/9130/assignments/130102)</a>
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	 <a href="https://imperial.instructure.com/courses/9130/assignments/130012">Test Chapter 8 (https://imperial.instructure.com/courses/9130/assignments/130012)</a>
	 <a href="https://imperial.instructure.com/courses/9130/assignments/130125">Test Chapter 8 (https://imperial.instructure.com/courses/9130/assignments/130125)</a>
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	 <a href="https://imperial.instructure.com/courses/9130/assignments/130215">Test Chapter 8 (https://imperial.instructure.com/courses/9130/assignments/130215)</a>
	 <a href="https://imperial.instructure.com/courses/9130/assignments/130301">Test Chapter 8 (https://imperial.instructure.com/courses/9130/assignments/130301)</a>
	 <a href="https://imperial.instructure.com/courses/9130/assignments/129979">Test Chapter 8(1) (https://imperial.instructure.com/courses/9130/assignments/129979)</a>
	 <a href="https://imperial.instructure.com/courses/9130/assignments/130063">Test Chapter 8(1) (https://imperial.instructure.com/courses/9130/assignments/130063)</a>
	 <a href="https://imperial.instructure.com/courses/9130/assignments/130071">Test Chapter 8(1) (https://imperial.instructure.com/courses/9130/assignments/130071)</a>
	 <a href="https://imperial.instructure.com/courses/9130/assignments/130181">Test Chapter 8(1) (https://imperial.instructure.com/courses/9130/assignments/130181)</a>
	

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(<https://imperial.instructure.com/courses/9130/assignments/130229>)

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**Test Chapter 8(1)**

(<https://imperial.instructure.com/courses/9130/assignments/130269>)

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**Test Chapter 8(1)**

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**Vesuvius Quiz** (<https://imperial.instructure.com/courses/9130/assignments/129978>)

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**Vesuvius Quiz** (<https://imperial.instructure.com/courses/9130/assignments/130096>)

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**Vesuvius Quiz** (<https://imperial.instructure.com/courses/9130/assignments/130153>)

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**Vesuvius Quiz** (<https://imperial.instructure.com/courses/9130/assignments/130199>)

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**Vesuvius Quiz** (<https://imperial.instructure.com/courses/9130/assignments/130298>)

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**Vesuvius Quiz** (<https://imperial.instructure.com/courses/9130/assignments/130300>)

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