OBJECTIVE
Geology 1 should expand your knowledge of our planet Earth, its natural phenomena and how they affect human lives. You should become more comfortable using the vocabulary of the earth sciences and gain insight into the natural processes that have shaped our Earth through time. This is a multi-disciplinary earth science course that will include aspects of chemistry, physics, astronomy, biology and oceanography. Some math will be necessary and use of the metric system is essential. You will be taught about the earth’s internal structure, plate tectonics, volcanoes, earthquakes, and mountain belts. Other topics include, surface water, groundwater, landslides, beach erosion, glaciers, and non-renewable resources. At the end of the course, you should be more adept in identifying minerals, rocks, landforms, and geologic hazards and have an increased understanding of the natural processes by which they were formed.

PREREQUISITE
The recommended preparation for this course is eligibility for English 84

SCHEDULE

<table>
<thead>
<tr>
<th>Week 1</th>
<th>8/26</th>
<th>An Introduction to Geology, Earth’s Origin and the Scientific Method</th>
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<th>Week 2</th>
<th>9/2</th>
<th>Plate Tectonics</th>
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<td>Chapter 15 and 16</td>
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<th>Week 3</th>
<th>9/9</th>
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****FIRST EXAM****
Week 4
9/16  Minerals: Building Blocks of Rocks
     Chapter 2

Week 5
9/23  Igneous Rocks
     Chapter 3

Week 6
9/30  Volcanoes and Other Igneous Activity
     Chapter 4

****SECOND EXAM****
Week 7
10/7   Weathering and Sedimentary Rocks
       Chapters 5 and 6

Week 8
10/14  Metamorphic Rocks
       Chapter 7

Week 9
10/21  Geologic Time
       Chapter 18 and 19

****THIRD EXAM****
Week 10
10/28  Mass Wasting
       Chapter 8

Week 11
11/4   Earthquakes
       Chapter 14

Week 12
11/11  Running Water
       Chapter 9

****FOURTH EXAM****
Week 13
11/18  Groundwater
       Chapter 10

Week 14
11/25  Shorelines
       Chapter 13
**FINAL EXAM**

**GRADING POLICY**
Your grade will be based on four exams, homework, and attendance as follows:

- Five exams = 70% (can drop one exam)
- Presentation = 15%
- Homework = 10%
- Attendance = 5%
- Total = 100%

A = 90-100 %, B = 89-80%, C = 79-70%, D = 69-51%, F =50% and below

Please contact me if you make less than a C on the first exam. My contact information is both at the top and bottom of this syllabus.

**EXAMS**
There will be five exams. Language translators (electronic dictionaries) cannot be used during exams. If this presents a big problem, please see me this first week.

**PRESENTATION**
Research and present to the class on a relevant topic in our text book. Internet research is encouraged.

**HOMEWORK AND READING**
In general, homework will be assigned on Tuesday and will be due the next Tuesday. Homework will count for 10% of your grade. You will need to **BUY THE TEXT BOOK (Essentials of Geology, by Lutgens, Tarbuck, Tasa)** so that you can read the assignments and answer homework questions.
ATTENDANCE
Attendance will be taken and will count from -5% to +5% of your grade. Excessive absences will have a negative effect on your grade. Good attendance will have a positive effect on your grade.

LABORATORY
I strongly recommended that you take the Geology 1 lab course in addition to the lecture. Although the lab course is optional, applying principles you hear in lecture to hands-on learning will help you achieve the goals listed in the course objectives and likely raise your grade in both lecture and lab.

LATE HOMWORK, MISSED EXAMS, TARDINESS, AND CONDUCT
We all expect that there will be none of the above. Normally, there will be no make-up exams. If you miss an exam you need to contact me. Tardiness is disruptive to the whole class: be respectful and be on time. Excessive tardiness is considered unacceptable behavior in the Standards of Student Conduct.

CLASSROOM CODE OF CONDUCT
Unacceptable behaviors include:
- conduct that jeopardizes health and safety
- cheating and plagiarism
- tardiness
- profanity
- pornography
- children or pets in class
- private conversations
- inappropriate displays of affection
- uncooperativeness
- continually leaving ones seat
- eating and drinking
- reading unrelated materials
- soliciting funds and/or signatures
- Use of all unauthorized electronic devices such as walkmans, phone, beepers, pagers, ipods, and music players.

CONTACT INFORMATION:
OFFICE: Natural Science Building, Room 209 rbouse@elcamino.edu
You can find me before or after class and I generally will be in my office between 12:30 and 1:30 pm on Tuesday and Thursday. You also can set up an appointment if you cannot make these hours.