

**GEOLOGY 201**  
**Physical Geology (4 credits)**  
**Fall 2009**

Location: Portland Community College, Sylvania  
P.O. Box 19000, Portland, OR 97280-0990  
Lecture (CRN 40113): ST 305 11:00 am-12:20 pm MW  
Lab (CRN 43532) ST 317 11:00 am-1:50 pm T  
Lab (CRN 43533) ST 317 2:00-4:50 pm T

Instructor: Dr. Melinda Hutson  
Sylvania ST 312  
(503) 977-4146  
e-mail: mhutson@pcc.edu  
Office Hours: 10:00-10:50 am MTW  
Please call for an appointment if you need to see me at  
a time other than my office hours.

Web site: <http://spot.pcc.edu/~mhutson/>

Course Description: Introduces physical geology which deals with minerals, rocks, internal structure of the earth and plate tectonics.

Text: Lecture: *Geology: An Introduction to Physical Geology*, by Chernicoff and Whitney, a custom edition for PCC with additional content, Pearson Publishing Co. Lab: *Laboratory Manual in Physical Geology*, by Richard M. Busch and Dennis Tasa, Pearson/Prentice-Hall.

E-mail Policy: Because I get a huge volume of unwanted e-mails, I delete many without looking at them. If you want to reach me by e-mail, please indicate G201 in the subject line of your message. Also, I do NOT open attachments (except pdfs). If you are sending me something, include it in the body of the text (you can cut and paste).

Exams: There will be three exams during the term. In addition, there is a comprehensive final on Monday 12/7/09 from 11:00 am – 1:00 pm. The lowest of the four exam scores is dropped. Consequently....

No make-up exams will be given for any reason. The final exam is your make-up exam.

Laboratory Exercises: A laboratory exercise will be done during lab time each week during the term. Students work in groups in lab, therefore, if you are more than 15 minutes late to lab, you will find the door locked and you will not be allowed to attend lab. You are expected and required to attend the full three hours of lab and participate in your group to work through the assigned problems. Half of your lab score will be on participation in your group. The other half is on the write-up that you turn in. Your lab write-up will consist of answers to questions and accompanying figures and maps that you will mark up. All answers to questions must be typed in a legible font. No handwritten answers will be accepted. Lab write-ups are due at the start of lab on the following week. The last write-up will be due the day of the final. No late labs will be accepted (no labs accepted after the start of lab one week after you work with your group on that lab exercise). You may turn in lab write-ups early either by leaving them in my mailbox in ST 312 or sending them to me via email (you'll need to convert to pdf if you want to send an attachment). I will drop your lowest combined lab score (participation plus write-up). Consequently, there are no make-ups given for missed lab work. You will need a calculator and ruler for lab.

Lecture Notes: It is important for students to learn how to take notes from a lecture – to figure out which information is important and which is simply interesting or peripheral. Each student in the class will take

comprehensive lecture notes for three lectures given during the term. Consider this a min-term paper on that day's topic. You need to follow the outline given in lecture. You should spend some time making sure that terms are correctly spelled and defined, and look for images on-line to help you explain concepts to your classmates. You need to include references for any material obtained off the internet or from a book (including the textbook) or article. There will be a sign up sheet so that all lectures are covered. I will be posting your notes on-line for your classmates to examine/use. All notes should be emailed to me as a pdf attachment.

Grades: PCC officially defines grades as follows – see <http://www.pcc.edu/edserv/acadpol/acad20.htm>

**A Superior.** Honor grade indicating excellence. Earned as a result of a combination of some or all of the following as outlined by the instructor in the course handout: superior examination scores, consistently accurate and prompt completion of assignments, ability to deal resourcefully with abstract ideas, superior mastery of pertinent skills, and excellent attendance. Probable success in a field relating to the subject or probable continued success in sequential courses.

**B Above average.** Honor grade indicating competence. Earned as a result of a combination of some or all of the following as outlined by the instructor in the course handout: high examination scores, accurate and prompt completion of assignments, ability to deal well with abstract ideas, commendable mastery of pertinent skills, and excellent attendance. Probable continued success in sequential courses.

**C Average.** Standard college grade indicating successful performance earned as a result of a combination of some or all of the following as outlined by the instructor in the course handout: satisfactory examination scores, generally accurate and prompt completion of assignments, ability to deal with abstract ideas, fair mastery of pertinent skills, and regular attendance. Sufficient evidence of ability to warrant entering sequential courses.

**D Substandard but receiving credit.** Substandard grade indicating the student has met only minimum requirements as outlined by the instructor in the course handout. Earned as a result of some or all of the following: low examination scores, generally inaccurate, incomplete or late assignments, inadequate grasp of abstract ideas, barely acceptable mastery of pertinent skills, irregular attendance, insufficient evidence of ability to make advisable the enrollment in sequential courses. Does not satisfy requirements for entry into courses where prerequisites are specified.

**F Failure.** Non-passing grade indicating failure to meet minimum requirements as defined by the instructor in the course handout earned as a result of some or all of the following: non-passing examination scores, inaccurate, incomplete or late assignments, failure to cope with abstract ideas, inadequate mastery of pertinent skills, repeated absence from class. Does not satisfy requirements for entry into courses where prerequisites are specified.

For this class, grading is done on a straight scale (90% and above = A, 80-89% = B, 70-79% = C, 60-69% = D, and below 60% = F).

Grades will be determined from performances on:

- 3 best exams 60 %
- Lecture Notes 15%
- Laboratory 25%

Instructional withdrawal policy: Faculty may deny registered students access to a class if they do not attend the first class session or stop attending class anytime through the end of the fourth week. Faculty denial of access will not remove student tuition charges. From the fifth week on, faculty may withdraw a student for

lack of attendance and a "W" grade appears on the student transcript. Instructor withdrawals do not remove charges -- students are billed for unpaid tuition and fees.

Students who withdraw from a class by the second Friday of the term will be refunded 100% of the charges associated with that class.

Grading Policy: PCC policy allows students to request "Audit" status or a "Pass/No Pass" grade in lieu of a letter grade within the first three weeks of class. If you wish to receive an audit or pass/no pass grade, you must submit a written request to your instructor during the first three weeks of class.

PCC's policy on incompletes is as follows: When the quality of the work is satisfactory, but some minor, yet essential, requirement of the course has not been completed, and for reasons acceptable to the instructor, a report of "I" may be made and additional time granted for the completion of the work. If the course is not completed within a year, the "I" will be administratively changed to an "NP" unless the instructor submits another grade. The conditions for completion of the work should be stated in writing, signed by the instructor and the student, and kept on file in the department or program office.

I do not generally give "I" grades.

Academic Integrity: "Students of Portland Community College are expected to behave as responsible members of the college community and to be honest and ethical in their academic work. PCC strives to provide students with the knowledge, skills, judgment, and wisdom they need to function in society as educated adults. To falsify or fabricate the results of one's research; to present the words, ideas, data, or work of another as one's own; or to cheat on an examination corrupts the essential process of higher education." This statement is taken from the College's Academic Integrity Policy. Please see the Academic Services web site for more information on plagiarism:

<[http://www.pcc.edu/pcc/abt/rights/student\\_rights/integrity.htm](http://www.pcc.edu/pcc/abt/rights/student_rights/integrity.htm)>. The penalty for academic dishonesty in this course is automatic failure of the assignment in question and possible failure of the course.

Disability: If you have a disability and need an accomodation, please make arrangements to meet with me outside of class. PCC students requesting accommodations must provide documentation of disability and work with The Office for Students with Disabilities (OSD) at 977-4341.

Attendance: Students are expected to attend all classes. Each student is responsible for all of the content of all of the classes, including lecture material which may not be in the text. If you miss lecture or lab, then it is YOUR responsibility to learn the material covered. I will not be grading on attendance, but will keep track of who is attending. Please be sure to sign the attendance sheet each class period.

Announcements: The lectures may include announcements, scheduling of exams, changes in the tentative class schedule as well as material that is not included in the textbook. You are responsible for ALL of the lecture content, whether you are present or not.

The course outline given below is **TENTATIVE** and may be subject to revision. Any changes will be announced in class and are your responsibility.

Week #1	Lecture	Laboratory
1	Introduction: Read chapter 1	Introduction – preparing for class
2	Minerals: Read chapter 2	Lab three – part 1
3	Igneous Rocks: Read Chapter 3	Lab three – part 2
4	<b>Monday - First Exam – through minerals</b> Volcanoes: Read Chapter 4.	Lab five
5	Volcanoes: Read Chapter 4. Weathering: Read Chapter 5 through page 156 – we will not cover soils in G201	10/20 NO CLASS - INSERVICE
6	Sedimentary Rocks – Read Chapter 6	Lab to be handed out - weathering
7	Metamorphic Rocks: Read Chapter 7	Lab six
8	<b>Monday - Second Exam – through sedimentary rocks</b> Wednesday 11/11 NO CLASS – Veteran’s Day	Lab seven
9	Folds and Faults Read Chapter 9	Lab ten
10	Earthquakes: Read Chapter 10 Earth’s Interior: Read Chapter 11	Lab sixteen
11	Plate Tectonics: Read Chapter 12 <b>Wednesday - Third Exam –everything since 2<sup>nd</sup> exam</b>	Lab two
Finals	<b>Monday from 11:00 am – 1:00 pm</b>	

ACKNOWLEDGMENT OF SYLLABUS RECEIPT:

G201 CRN 40133 Physical Geology (4cr) Fall 2009 PCC, Sylvania

I have received a copy of the course syllabus for this class, and the instructor has discussed the contents of this syllabus.

NAME (please print) \_\_\_\_\_  
                                    Last                                    First                                    MI

Signature \_\_\_\_\_ Date \_\_\_\_\_

STUDENT ID # \_\_\_\_\_

A phone number where you can be reached: \_\_\_\_\_

e-mail: \_\_\_\_\_

**Have you had any previous geology classes? If so, what and where**

**Why did you choose to take THIS class (as opposed to any other science class)?**

**Do you have any concerns that you would like to tell me about?**