

GEOLOGY 203
Historical Geology (4 credits)
Spring 2010

Location: Portland Community College, Sylvania
P.O. Box 19000, Portland, OR 97280-0990
Lecture (CRN 20063): ST 305 11:00am-12:20pm M W
Lab: (CRN 20420): ST 317 11:00am-1:50pm T

Instructor: Dr. Melinda Hutson
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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 historical geology which deals with geologic time, fossils, stratigraphic principles, and the geologic history of the North American continent. Prerequisite: WR115, RD115 and MTH20 or equivalent placement test scores. A complete description of this course and the expected outcomes for this course can be found on the course content outcome guide at: www.pcc.edu/ccog (click on Geology, then on the course title for G203 Historical Geology).

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 Studies in Earth History*, 8th edition by Brice, Levin and Smith, McGraw-Hill.

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 G203 in the subject line of your message. Also, I do NOT open attachments. 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 June 7 from 11:00am-12:50pm. 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 with 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 labs should be written in a legible handwriting. Labs are turned in at the end of the lab period in which the lab is assigned. 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.

Homework: There will be three homework assignments during the term. All homework assignments must be typed. ***Assignments and their due dates will be posted on the class web site*** and are due BY THE BEGINNING OF CLASS on the due date. Any homework assignment RECEIVED BY THE INSTRUCTOR after the start of class (including during and immediately after class and late in the day via

email) will be considered late. Homework can be turned in up to one week late for partial credit. Late homework will lose two letter grades (20% of the total points on the assignment). Homework can always be turned in early.

Grades: PCC official Grading Guidelines can be found at: www.pcc.edu/resources/academic/standards-practices/G301.html. The traditional grade system, A, B, C, D, F is defined in document at this link. Students are responsible for reading about and selecting a grading system option for the class. Students do not receive an A for “doing all of the assigned work” and “satisfactory completion” of a course (that is the criteria for a C). An A means “Superior”, while “Above Average” is a B. Please familiarize yourself with these grading guidelines. Students who choose to take a pass/no pass option need to be aware that their grade must be equivalent to or better than a C to pass the course.

Faculty may assign a mark of NS (no show) and deny access to any registered Student who does not attend the first class session. The drop deadline for this class is Friday, April 9 (both for a drop with a refund and a drop without a “W” grade). Students will be assigned a “W” grade when a withdraw is processed between April 10th and May 21st. After that, students will receive an F or NP. Students who stop attending class without formally withdrawing will receive an F or NP for the course and will be liable for all charges on their account.

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%
- Homework 15%
- Lab 25%

At one time, PCC's policy on incompletes was 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 think that this is a good policy, and I do not generally give "I" grades.

Academic Integrity and Code of Student Conduct: The official policies of PCC on Academic Integrity and the Code of Student Conduct can be found at www.pcc.edu/about/policy/student-rights. Please familiarize yourself with the policies outlined on this site. “Students are expected to be honest and ethical in their academic work. Cheating, plagiarism, falsifying, and working with others to cheat are all forms of academic dishonesty.” The penalty for academic dishonesty in this course is automatic failure of the assignment or exam in question.

Disability: Students who have a documented disability and require a classroom adjustment or accommodation should contact the Office for Students with Disabilities [www.pcc.edu/resources/disability] and provide the OSD Approved Academic Accommodation to the Instructor.

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 course content and requirements may be adjusted in response to institutional, weather or class situations as needed. Notice of changes will be announced during lecture or lab and will be posted on an announcements page on the class web site. The lectures may also cover material not included in the textbook. You are responsible for ALL of the material discussed in class, 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	Lecture/Text	Lab
1	Plate tectonics, isostasy, rock review Ch. 1	Introduction
2	Rock review, stratigraphy, fossils and fossilization – Ch. 19	Labs 1, 2 and 4
3	EXAM 1 on Monday April 12 start Ch. 8 on Dating on Wednesday	Labs 5 and 9
4	Relative Dating, Absolute Dating – Ch. 8	Labs 6 and 7
5	Absolute Dating, Hadean – Ch. 8 and 20	April 27 No lab – faculty inservice
6	Hadean, Archean, Proterozoic – Ch. 20	Lab 8 and radiometric dating handout
7	EXAM 2 on Monday May 10 Proterozoic, Paleozoic – Ch. 20, 21, 22 on Wednesday	Lab 10, excluding brachiopods
8	Paleozoic – Ch. 21 and 22	Lab 10, excluding brachiopods
9	Mesozoic – Ch 23 and 24 Cenozoic – Ch. 25 and 26	Brachiopods (lab 10) and lab 11
10	<u>Monday May 31 – no class – memorial day</u> EXAM 3 on Wednesday June 2	Labs 12 and 13
Finals	Final Exam (Monday)	