

G202: Physical Geology

Summer 2009 (3 credits)
CRN 80642 MTWR 10:30-12:20 FAB10

Instructor: Melinda Hutson
E-mail: mhutson@pdx.edu (please put G202 in the subject line)
Web site: <http://web.pdx.edu/~mhutson/G202/>
Office Hour: TR 9:00-10:00 am

Introduces physical geology which deals with surface processes (weathering, mass wasting, streams, groundwater, glaciers, wind, and coastal processes). There is no prerequisite for this course, although students must also take a geology lab section (G205).

Text: Geology – An Introduction to Physical Geology, by Chernicoff and Whitney, Fourth Edition.

Tentative course schedule

Monday	Tuesday	Wednesday	Thursday
Introduction and review of key concepts from G201	Earth's Interior Chapter 11	Plate Tectonics and formation of the Earth's Ocean Basins Chapter 12	Plate Tectonics and the formation of Earth's continents Chapter 13
Mass movement Chapter 14 and start Streams Chapter 15	Streams Chapter 15	Streams Chapter 15	Midterm exam
Shores and Coastal Processes Chapter 19	Glaciers and Ice ages Chapter 17	Glaciers and Ice ages Chapter 17	Overview of planetary geology
Projects due Deserts Chapter 18	Groundwater Chapter 16	Groundwater Chapter 16	Final Exam

Class policies:

Attendance: I will not be checking attendance. However, there may be announcements or material covered in lecture that cannot be easily obtained without attending class. The lectures and the assigned readings are meant to be complementary. There may be material covered in lecture that is not in the textbooks. Conversely, not all of the material in the textbooks will be discussed in lecture. Any of this material may be on an exam.

Course web site: A course web site will contain a copy of the syllabus, specific information and requirements about the field project, announcements about changes to the course, and study guides for the exams. That address is <http://web.pdx.edu/~mhutson/G202>

E-mail Policy: Because I get a huge volume of unwanted e-mails, I delete many without opening them. If you want to reach me by e-mail, please indicate G202 in the subject line of your message. Also, **I do NOT open attachments**. There are two reasons for this: 1) I've picked up unwanted worms/viruses that way, and 2) I can't always open the attachments. If you need to turn in an assignment via e-mail, copy and paste it into the body of the e-mail.

Field Project: One of the goals of this course is for students to be able to look at the world around them with "geologic" eyes, recognizing features created by the processes discussed in this course. Geology is a very field-based science. Rather than organize a field trip around conflicting schedules, students will design their own field projects and turn in a field journal the last week of class. Details about the field project will be posted on the class web site and discussed in class. Field projects **MUST BE TYPED**. Field projects are due at the start of class on the Monday of the last week of the term. Late projects can be turned in any time before the final, but will lose 20% of their total credit. To avoid last minute printer/transportation/whatever problems, I strongly suggest that you turn the field project in EARLY.

Exams: The midterm and final exam questions will be taken primarily from the class lectures, but may include material covered only by the assigned readings. Exams are closed book/notes. In order to make up a missed exam for full credit, you will need to have a valid written excuse for your absence. Valid reasons for missing an exam include a documentable illness or injury (doctor's note required) of yourself or your child, or a death in your immediate family. Invalid reasons include a variety of things such as oversleeping, missing the bus, car difficulties, and needing to leave early for your summer vacation. Make-up exams for students without a valid excuse will **lose 10%** of the exam's full credit.

Academic Integrity: It is expected that work submitted by students represents that done by the students themselves. Copying from an exam or presenting someone else's material as part of your field project will result in the exam or project receiving a zero grade. Students should also avoid plagiarism. Plagiarism is presenting someone else's work as your own, even accidentally. Students can avoid plagiarism by making sure that they acknowledge words or ideas that come from other sources-such as direct quotes (and you should limit your use of these), paraphrases, statistics or illustrations. All of these must be properly referenced.

Accommodations: If you have a disability and need an accommodation, please make arrangements to meet with me outside of class. PSU students requesting accommodations must provide documentation of disability and work with the Disability Services for Students (DSS) office (503-725-4150).

The lectures and the assigned readings are meant to be complementary. There may be material covered in lecture that is not in the textbook. Conversely, not all of the material in the textbook will be discussed in lecture, but some may be on the exam.

Lectures: Lectures are in PowerPoint format and will not be made available to students on-line, as they mainly contain material which has been copyrighted in such a way as to allow permission for use in a classroom, but not for general publication (as in put on the web for anyone to download).

Grades: Grading is based on a percentage out of 100% of the possible course total: 93-100 = A; 90-92.99 = A-; 87-89.99 = B+; 83-86.99 = B; 80-82.99 = B-; 77-79.99 = C+; 73-76.99 = C; 70-72.99 = C-; 67-69.99 = D+; 63-66.99 = D; 60-62.99 = D-; below 60 = F.

Midterm exam	30%
Final exam	40%
Field Project	30%

Other policies:

Students who do not attend classes during the first week or hand in an “acknowledgement of syllabus receipt” form may be withdrawn by the instructor. PSU policy allows students to request “Audit” status or a “Pass/No Pass” grade in lieu of a letter grade. If at any time you decide to change your grading status, please submit written notification to me. I generally do not give “incompletes”. Each student is responsible for the content of this course. If you miss a lecture, it is your responsibility to learn the material covered.