

SYLLABUS

Glendale Community College North – Spring 2012 GLG 110 - GEOLOGIC DISASTERS AND THE ENVIRONMENT

Section 16741, Tuesday/Thursday, 10-11:15, GCN D 125
Section 16742, Friday 9-11:45, GCN D 125

CONTACT INFORMATION

Instructor: Karrie Champneys Wood
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Office: GCN D106
Office Hours: Monday 10-11:30; Tuesday 2-3;
Wednesday 10-11:30; Thursday 2-3
Web page:
<http://www.gc.maricopa.edu/appliedscience/geoweb/geohome.html>

TEXT

*Introduction to Environmental
Geology,
5th ed.,
Edward A. Keller*

ISBN-13: 978-0-321-72751-0
ISBN-10: 0-321-72751-7

YOUR GRADE

Approximately 700 points

In-class assignments (approximately 100 points). May include quizzes individual or group exercises. No "make-ups" if you are absent, arrive late, or leave early.

Homework (80 pts) - assignments will involve sketching, problem solving and essay. Each assignment is worth 10 pts. and must be handed in on the due date. Late work receives 5 pt. deduction.

Current Event Summaries (50 pts). 10 write-ups @ 5 pts each ($\frac{1}{2}$ page, double-spaced, typed) that summarize a geologically current event. See Course Calendar for due dates. See Current Event Summaries handout for detailed information. Late work will receive a 2.5 pt deduction.

Debates (65 pts). Includes research paper (30 pts), debate participation (20 pts), and debate observation (15 pts). See Course Calendar for specific dates and topics. See Rules of Debate for detailed information. Late papers receive 10 pt. deduction.

Exams (400 pts). Four exams, worth 100 pts. each will be given throughout the term (see Course Calendar).

Point Distribution Summary		Approximate Grade Division
In-class assignments (approximate)	100	
Homework Assignments	80	
Current Events	50	
Debates	65	
Exams	400	
Total Points Possible (approximate)	700	

Course Objectives

After completing this course you should be able to:

- Describe the scientific foundations of geology.
- Describe the three-part classification of rock processes.
- Explain the theory of plate tectonics.
- Describe mineral resources including: non-fuel, fossil fuel, and nuclear power.
- Describe alternative energy sources.
- Explain the cause of earthquakes and volcanoes and their affect on humans.
- Describe earth's surface geologic hazards including: landslides, flooding, groundwater and shorelines.
- Describe how water quality is affected by humans.

**YOUR SUCCESS
IS IMPORTANT
TO ME!**

RESOURCES & STUDY STRATEGIES

The Lecture: Most of the information you will be tested on comes from lecture. It is very important to be in class, take notes, and participate in in-class work.

Power Point Lecture Notes: Available on my web cite and linked on Blackboard:
<http://www.qc.maricopa.edu/appliedscience/kweb/kwhome.html>

The Textbook: READ THE BOOK! Bring your book to class. Read the assignments before you come to class (see the Course Calendar).

MyGeologyPlace: www.prenhall.com/keller text book quizzes and study helps

Lecture Study Guides: Will be handed out in class, however, you can also find them on Blackboard

Lab: Compliments the lecture, but graded independently.

Study Groups: Get together and help each other!

Incomplete Grades (I)

"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 with me for the completion of the course requirements.

GENERAL CLASS POLICIES

Attendance: Come to class. You will get a better grade. If you don't come to class you might get dropped.

Official Absences: Official excused absences are those which occur when students are involved in an official activity of the college, students are called for jury duty or subpoenas, or students who experience the death of an immediate family member. All of the above require prior notification of the instructor. Make-up work will be allowed for official absences.

Other Absences: All other absences are considered unofficial. *There will be no make-ups for unofficial absences.*

Tardiness: Don't be late. In-class work missed because of tardiness cannot be made up.

GCC General Catalog & Student Handbook

Familiarize yourself with this book and adhere to the policies outlined. Academic misconduct including cheating, plagiarizing, class disruptions and excessive absences will not be tolerated.

<http://www.gccaz.edu/catalog/>

Cell Phones & Electronic Devices: Turn them off. No text messaging during class.

No Laptops on during class

Audio or Video Recording: Not allowed

GCC STUDENT SERVICES

www.gc.maricopa.edu/studentservices

WITHDRAWALS

Withdrawals are not automatic.

If you must withdraw, please complete the appropriate paperwork.

Students with Disabilities

If you have a disability that may have some impact on your work in this class and for which you may require accommodations, you need to notify the Disability Services and Resources Office, located at the main campus in TDS 100. Their phone number is 623-845-3080

First Assignment

Log on to BLACKBOARD at

<https://ecourses.maricopa.edu/webapps/login/>

You will need to find your BLACKBOARD user name and password. Go to this class, click on 'Assignments' and then 'Survey.' Complete and submit the survey online. This assignment is worth 5 points, but it must be completed by the end of the 2nd week of class.

GOT BLACKBOARD?

Check your grades!

Complete survey!

Find Assignments and Study Materials!

WEB RESOURCES

Physical Science Home Page

<http://www.gc.maricopa.edu/appliedscience/geoweb/geohome.html>

- Syllabus & Calendar
- Power Point Lecture Notes

Blackboard

<https://ecourses.maricopa.edu/webapps/login/>

- Grades posted on BLACKBOARD
- Survey – complete and submit online for 5 points
- Assignments, Study Materials, Sample Test Questions

COURSE DESCRIPTION

Acquaints students with the use and importance of geological studies as they apply to the interactions between people and the earth. Includes geological processes and hazards such as floods, volcanoes, earthquakes, landslides; use of fossil fuels; mining of raw materials.

3 credits/3 periods. When taken with GLG 111, transfers to ASU, UA and NAU and will count as liberal studies lab science credit. Satisfies Global Awareness Credit (G). Prerequisite: none

Fine Print

- ✓ Students are responsible for the information contained in this syllabus
- ✓ Students are responsible for information in the Student Handbook
- ✓ Information in the syllabus is subject to change
- ✓ While not a contract, the course syllabus is meant to serve as a good faith agreement between instructor and student.