

SYLLABUS
Glendale Community College –Fall 2011
GLG 111 – GEOLOGIC DISASTERS AND THE ENVIRONMENT LAB
Wednesday 7:10 – 9:40, PS 173

CONTACT INFORMATION

Instructor: Joe Belcher

Email: joe.belcher@gmail.maricopa.edu

Office Hours: by appointment

Webpage: <http://www.gccaz.edu/appliedscience/jbelcherweb/jbelcherhome.html>

TEXT = LAB EXERCISES

Lab exercises are available online. **You will need to print the lab exercises and bring them to class each week.** Use your eGCC username and password to access the labs.

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

See Course Calendar for schedule.

COURSE OBJECTIVES

Upon completion of this course, you should be able to:

- Describe how the Scientific Method works.
- Describe how physical properties distinguish and identify minerals from one another.
- Describe the processes and characteristics that distinguish the different rock types.
- Identify some of the more common minerals and rocks that you may encounter while in the field.
- Interpret and use topographic maps and geologic maps.
- Interpret and recognize geologic hazards on topographic maps.

COURSE DESCRIPTION

May accompany GLG 110. Basic geological processes and concepts. Emphasis on geology-related environmental problems, case histories and field studies.

Prerequisites: None. 1 credit/3 periods. When taken with GLG 110, transfers to ASU, U of A, and NAU as liberal studies lab science credit.

YOUR GRADE

Lab Exercises: Lab activities build on one another so it is to your advantage not to miss lab. You will be responsible for all content of all labs, including any missed labs. Lab exercises are worth **10 points each** for a total of **120 pts**.

Quizzes: At the beginning of most labs a quiz will be administered. If you are late or absent, you will not be able to make up the quiz. Each quiz is worth **10 points**. The lowest quiz score will be dropped. The total amount of points from quizzes are worth **80 points**. Quiz formats include: Multiple choice, matching, listing, true/false, short answer and essay; hand specimen identification of rocks and minerals; practical cross-section drawings and map interpretations.

Exams: There will be 2 exams worth **50 points each** and one exam worth **75 points** for a total of **175 points**. **There are no make-up exams!** Exam formats include:

Multiple choice, matching, short answer, hand specimen identification of rocks and minerals, practical cross-section drawings and map interpretations.

Approximate Point Distribution:

Lab – 10 pts. each	120 pts.
Quizzes – 10 pts each	80 pts.
<u>Exams - 2@50pts., 1@75 pts.</u>	<u>175 pts.</u>
Total possible points	375 pts.

EXPECTATIONS AND CLASS POLICY

- ❖ **Students need to be present for class**, take notes, and participate in in-class work.
- ❖ **Attendance is of the utmost importance for success.** Failing to come to class could result in being dropped.
- ❖ **Come prepared.**
- ❖ **Make-up work will be allowed for official excused absences.** This type of absence occurs when students are involved in an official college activity, called to jury duty or by subpoena, or has experienced a death of an immediate family member. Prior notification is required to obtain an official excused absence by contacting the instructor.
- ❖ **Unofficial absences will not merit the opportunity for make-up work,** including exams.
- ❖ **Come to class on time.** Work missed cannot be made up.
- ❖ **Cell phones and any other electronic equipment must be turned off.** Texting is not permitted during class.
- ❖ Audio or video recording of this class is not permitted.
- ❖ **Do not distract others or disrupt instruction.** Be respectful to all present.
- ❖ Students with disabilities who require accommodations should notify the Disability Services and Resources Office located at the main campus in TDS 100. Phone: (623) 845-3080
- ❖ Withdrawals must be completed by filling out the appropriate paperwork and adhering to the deadline requirements.

WEB RESOURCES

Physical Science Home Page:

www.gc.maricopa.edu/appliedscience/geoweb/geohome.html

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

**GLENDALE COMMUNITY COLLEGE- SYLLABUS ACKNOWLEDGMENT:
GLG 111 Geologic Disasters and Environment Laboratory
FALL 2011**

Instructor: Joe Belcher

I acknowledge that I have received a syllabus for the course described above. I have read it and understand the attendance, withdrawal, grading and other policies. I recognize that to complete this course, I may be required to spend up to 2 to 3 hours of study outside of class for every hour spent in class.

Signature: _____

Printed Name: _____

Date: _____