

SYLLABUS

Glendale Community College North – Spring 2012
GLG 103 - INTRODUCTION TO GEOLOGY I: PHYSICAL GEOLOGY LAB
Section 16774, Tuesday, 11:30-2, GCN D-120
Section 16729, Wednesday, 1-3:30, GCN D-120

CONTACT INFORMATION

Instructor: Karrie Champneys Wood
Email: karrie.wood@gcmail.maricopa.edu
Phone: 623-845-4192
Office: GCN D 106
Office Hours: Mon & Wed 10-11:30,
Tues & Thurs 2-3
Physical Science Home Page:
<http://www.gc.maricopa.edu/appliedscience/>

- Syllabus & Calendar
- Extra Credit Information
- Lab Exercises

TEXT

*Physical Geology Laboratory
Manual for GLG103,*
Spring 2012, edition.
Calderone and Johnson,

This text is also available online at:
<http://www.gc.maricopa.edu/appliedscience/geoweb/qccgeolabman.html>

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. There are 13 lab exercises worth **5 points** each and one lab worth **15 points** for a total of **80 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. All quizzes are worth **90 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. **There are no make-up quizzes!**

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

EXTRA CREDIT

You may earn a maximum of 15 points extra credit by attending an extra credit field trip. More information will be given later in the semester as to where and when.



COURSE DESCRIPTION

May accompany GLG101.
Study of common rock-forming minerals, rocks and maps.
Prerequisites: None

1 credit/3 periods.

When taken with GLG101, transfers to ASU, UA, and NAU and may be used toward satisfaction of the Natural Science requirement for AGEC-A & B blocks; AA, AB, some AS, and TG-XR degrees programs. With GLG101 satisfies ASU's SQ general education requirement.

Approximate Point Distribution

Lab - 5 pts each and one worth 15 pts.	80
Quizzes - 10 pts each (best 9 of 10)	90
Exams - 2 @ 50 pts each; 1 @ 75 pts.	175
TOTAL POINTS POSSIBLE	345

Course Objectives

- 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.
- Interpret geologic structures expressed above and below ground on geologic maps.

Approximate Grade Division

- A = 90-100%
- B = 80-89%
- C = 70-79%
- D = 60-69%
- F = <60%

STUDY STRATEGIES

- ◆ **The Lab Lecture-** The lab lecture and the lab exercises are your primary resources for this course. Take notes well. Ask questions.
- ◆ **The Lab Exercises-** *READ THEM* before you come to class. The explanations at the beginning of the lab contain important information for your success.
- ◆ **Web based tutorials-** Help for Topographic Maps can be found at: http://www.gc.maricopa.edu/earthsci/imagearchive/the_basics_of_topographic_maps.htm. Help for Geologic Time, Geologic Structures, and the Interpretation of Geologic Maps is located at <http://www.gc.maricopa.edu/appliedscience/gjc-nsf/index.html>.
- ◆ **Topographic Map Tutorial** on the GCC North computers and on GCC main
- ◆ **Study Cart** - Minerals, rocks and maps are available for your use in the commons area in Building D.
- ◆ **Study Groups-** Get together- 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. Quizzes are given at the beginning of class. No make-ups!

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: Turn them off. No text messaging during class.

Audio or Video Recording: Not

GCC STUDENT SERVICES
www.gc.maricopa.edu/studentservices

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. At GCCN 623-845-4016.

WITHDRAWALS

Withdrawals are not automatic.
If you must withdraw, please complete the appropriate paperwork.

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 on **BLACKBOARD!**

Complete survey on **BLACKBOARD!**

Access Lab Exercises on **BLACKBOARD!**

Fine Print

- ✓ Students are responsible for the information contained in this syllabus
- ✓ Students are responsible for information in 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.