

Rock & Mineral Identification

GEY 118

Class time and dates: Friday 11 Sept 5:00pm-10:00pm AND Saturday 12 Sept 8:00am-5:30pm

Class Location: West Building 2573

Course Description: Introduces basic information on the definition, formation, identification, and uses of rock and minerals. (1 credit hour)

Instructor: Dr. F. Nicole Peavey, Ph.D.

E-mail: nicole.peavey@rrcc.edu

Textbook: Simon & Schuster's Guide to Rocks and Minerals

Course Objectives: Upon completion of GEY 118, students will be able to:

1. Identify minerals using physical and some optical properties
2. Recognize the most abundant rocks of each major rock type
3. List the modes of occurrence of each major rock type including localities in Colorado

Evaluation Methods:

Attendance and Participation = 20 points

In-Class Assignments and Quizzes = 50 points

Take Home Assignment = 30 points

TOTAL = 100 points

Grading Policy:

A = 90-100

B = 80-89

C = 70-79

D = 60-69

F = 0-59

Evaluation:

Students who are tardy either at the beginning of the class day or following breaks will lose attendance and participation points up to the total allocated for each day. Participation credit will be awarded for being attentive, participating in discussions, and responding to instructor prompts. Points may be deducted for napping in class or otherwise 'checking out.'

In-class worksheets will be submitted to the instructor for grading. Points may be reduced for an individual if it becomes apparent that the individual is not contributing to the group. Understanding of the subject matter will be periodically evaluated with short in-class quizzes, which may be open- or closed-note at the instructor's discretion but which must be completed individually.

A final take-home project will be assigned during class. The project is worth 30% of the grade, however, **failure to submit the take-home project by the stated deadline will be counted as an absence and therefore constitute failure of the entire course.**

General Policies

Attendance Policy: Because of the short-term nature of GEY 118, attendance is absolutely required for all class days, and any missed quizzes or assignments may not be made up. Students absent on the first day of class will be dropped from the class, per school policy; additionally, missing five or more hours of class will result in an automatic “F” grade. Students are responsible for ensuring that they do not have previous commitments on class days. **Students arriving late on any day of class, including after breaks, will have their attendance/participation grade reduced by up to the maximum for the day.** Incompletes will not be given; students who find themselves unable to attend class for emergency reasons will be responsible for initiating the drop or withdrawal process to prevent a grade of “F” being recorded for the class.

Assignments Policy: Due to very tight grade submission deadlines for weekend classes, all assignments must be submitted by their stated deadlines, and **NO credit, either full or partial, will be awarded for late assignments.** Students with deadline accommodations requested by the Office of Disability Services may have a separate agreed-upon deadline, but will not receive any credit for assignments submitted after that deadline. Technical difficulties will not constitute a valid reason for an extended deadline; make sure you start early and secure any required assistance well ahead of your deadlines!

In the event of a documented medical emergency that may prevent on-time completion of an assignment, the instructor should be contacted as soon as possible via an email stating the nature of the delay so that appropriate accommodations may be made and thoroughly documented with the college.

Academic Integrity (From: RRCC Student Handbook): The College is an academic community. Its fundamental purpose is the pursuit of knowledge. Like all other communities, the College can function properly only if its members adhere to clearly established goals and values. Essential to the fundamental purpose of the College is the commitment to the principles of truth and academic honesty. Accordingly, The Student Code of Conduct is designed to ensure that the principle of academic honesty is upheld. Everyone associated with the College’s academic community has a responsibility for establishing, maintaining, and fostering academic integrity. Anyone who becomes aware of an incident of academic dishonesty should report the occurrence to a faculty member, department chair, or administrator.

Those committing academic dishonesty will be subject to disciplinary actions which may include failing the assignment and/or the course, and/or being suspended or expelled from the college. Disciplinary procedures are outlined in Student Code of Conduct. Guidelines for the definition of cheating (Article I.I.) and plagiarism (Article I.J.) can also be found in the Student Code of Conduct.

The following are some principles associated with academic integrity:

- Cite (give credit for) words and/or ideas that are not your own
- Use information, computer programs, others’ work, study aids, and/or other materials only when permitted by your instructor

- Remove materials from the library, labs, and other college facilities only when an official representative of the college grants permission
- Use copyrighted materials only with permission
- Refuse to help anyone commit an act of academic dishonesty
- Use only the resources specifically allowed when completing a test or other assignment

Learning or physical disability: ADAAA (Americans with Disabilities Act Amendments Act of 2008) and Section 504 of the Rehabilitation Act of 1973: Red Rocks Community College is committed to access for students with disabilities. If you are a student with a disability and need assistance or are interested in requesting accommodations, please contact Accessibility Services. Faculty are not obligated to provide accommodations without proper notification by Accessibility Services and accommodations are not retroactive. Students may contact the Access staff by telephone or email to make an intake appointment at 303-914-6733 or access@rrcc.edu. Accessibility Services is located in Suite 1182 at the Lakewood campus. More information is available at www.rrcc.edu/accessibility-services.

Student Grievances: Please consult the Student Handbook.

Student Publications: *Claro*, RRCC's scholarly journal, publishes students' high-quality academic work. Publications look great on scholarship applications and resumes. If you feel that you have done superior work on an assignment for this class, ask me if I would consider submitting it to *Claro*! *Claro* accepts any type of academic work, including research papers, charts/graphs, reports, reviews, websites, videos, etc. Go to www.rrcc.edu/claro to view online versions of the last two editions.

Tentative Course Schedule:

Friday, September 11

5:00pm-10:00pm

Introductions
Minerals and their properties
Mineral identification
Mineral ID quiz

Saturday, September 12

8:00 am – 5:30 pm

Rocks, the rock cycle, and basic plate tectonics
Igneous rocks
Sedimentary rocks
Metamorphic rocks
Virtual field trip (no travel required)
Rock ID quiz and instructor evaluations
Lunch: *12:00pm – 1:00pm*

Statement of Understanding of Syllabus Content

I, (student name, printed) _____,
certify that I have read and understood the syllabus for GEY 118 (Rock & Mineral
Identification), and that I will abide by the policies stated therein. I take responsibility for
knowing the class times and assignment deadlines for this class, and I understand that missing
these class times and deadlines may result in a reduced or failing grade.

(Student Signature) _____
Please sign and detach this statement and submit to the instructor.