

Raritan Valley Community College Spring 2018 Syllabus

Course: GEOL157 Introduction to Geology

Professor: Gregory C. Herman, gherman@raritanval.edu

Office Hours: Room SC-219 (Geology Lab room) as needed

Department Chair: marianne.baricevic@raritanval.edu

Course Description

- This course is a study of the earth's structure, composition and history; processes which shape the earth's surface, such as glaciations, crustal movements and tectonics, erosion, and sedimentation; fossil study; classification and characterization of rocks; applied geology or mineral, energy, water and ocean resources; and of natural hazards. Laboratory activities include rock classification, air photo and topographic map interpretation using Google Earth, practical problems in environmental geology, and a geological field trip in New Jersey.

Required textbook and lab manual

- Tarbuck, Lutgens and Tasa (2017), An Introduction to Physical Geology 12th edition, Pearson Publishing, ISBN-10: 0-134-07425-4 or
- Monroe, Wicander, and Hazlett (2007) Physical Geology; Exploring the Earth, 6th edition ISBN-10:0-495-01148-7
- **RVCC GEOL 157 Introduction to Geology Lab Manual by G.C. Herman** offered as a free PDF document for students to print their own, or purchase a copy from a custom-printed batch for each class.

Attendance Policy

- Attendance at all class sessions (lecture and lab) is mandatory. Students are expected to attend all classes for every course in which they are enrolled. A record of attendance will be kept. To accommodate students' reasonable, personal situations that might prevent them from attending classes, each student is entitled to excused absences amounting to the equivalent of one week's class time in a semester. Absences in excess of this standard are handled individually by each faculty member. A student with absences amounting to one-fifth or more of the term's lecture or laboratory classes may be recommended to withdraw from the course.

Student Learning Outcomes

- Use geologic maps to help understand our physical surroundings.
- Use topographic and geological maps in Google Earth to extract project information.
- Access and comprehend geologically oriented information on the Internet and Google Earth.
- Develop knowledge and an appreciation about New Jersey geology and its water resources.
- Relate course knowledge to issues affecting the New Jersey region.
- Develop historical and current awareness of science's role in society
- Demonstrate research and communication skills.

Grading System

- Class lecture attendance is kept. 12 lectures total, each counting 2 pts. (~10% of the class grade).
- 2 bonus point for perfect attendance
- Laboratory attendance is kept. Attendance and completion of work for the 12 labs weighs heavily toward the final grade (~50% of the class grade).
- Exams include 20 True/False questions and 30 multiple choice.
- The final grade for the student is determined using the point system below and the grading scale to the right:

○ Point Components	Points
○ Lecture attendance	24
○ 12 Laboratories (10 pts. each)	120
○ 3 exams (2-25, 1-50 pts.)	100
○ Term paper	5
○ TOTAL	249

Grading scale

A = 95 - 100

A- = 90 - 94

B+ = 87 - 89

B = 83 - 86

B- = 80 - 82

C+ = 77 - 79

C = 73 - 76

C- = 70 - 72

D+ = 67 - 69

D = 65 - 66

F = 64 or less

Course Management Statement

- The class will be managed through the following Internet URL known as the course web site:

<http://www.impacttectonics.org/GEOL157/Index.html>

- Assignments and tests results will be presented to students the following week after their completion.
- Students will have the opportunity in class to ask questions on individual test questions and concepts.
- Students will have the opportunity at the end of the course to evaluate the instructor and course by standardized evaluation questionnaires.

Delayed Opening Policy

- If the College announces a delayed opening at any location due to inclement weather or other emergency situation, all offices will be closed and all College classes and/or other activities will be suspended at that location until the delayed opening time.
- Classes scheduled to begin before the delayed opening time that have 60 minutes or more of instruction time remaining at the delayed opening time will begin at the delayed opening time and conclude at the regularly scheduled ending time.
- Classes scheduled to begin at or after the delayed opening time will meet as scheduled

Reasonable Accommodation Statement

- Students with disabilities who require accommodations (academic adjustments and/or auxiliary aids or services) for this course MUST provide documentation of accommodations from the RVCC office of Disability Services, C143. No accommodations will be made without this documentation.

Credit Hour Equivalency Statement

- Students should expect to spend a minimum of 8 hours per week studying course concepts and reading outside of class.

Code of Conduct Statement

- The College has a Code of Student Conduct that states: “Faculty members have the authority to take actions which may be necessary to maintain order and proper conduct in the classroom. Students whose behavior disrupts the class will be subject to removal and may be charged with a violation of the Code of Student Conduct. Code of Conduct charges will be investigated by the Dean of Student Services. If the student behavior presents a concern for immediate safety of the student or members of the community, the student may be suspended until a hearing is held. Any student who is removed from a class against his/her will is entitled to a hearing.”

WITHDRAWAL FROM COURSE

- Students may withdraw from this course following procedures specified by the Office of Enrollment Services and in compliance with published deadlines. Students who cease attending classes and do not request an official withdrawal will receive a failing grade (F) for the course.

FULL TERM (Fourteen weeks) 1/22/18-5/05/18

Last day to withdraw: to receive:

January 26.....	100% refund
February 2.....	without course on record
February 2.....	50% refund
After February 2.....	No refund
April 6.....	a “W” grade
April 6.....	Change to an Audit Grade with Instructor Approval
After April 6.....	No Withdrawals

TWELVE WEEK SESSION (Twelve weeks) 2/05/18-5/05/18

Last day to withdraw: to receive:

February 9.....	100% refund
February 15.....	without course on record
February 15.....	50% refund
After February 15.....	No refund
April 13.....	a “W” grade
April 13.....	Change to an Audit Grade with Instructor Approval
After April 13.....	No Withdrawals