

University of Puerto Rico
Mayagüez Campus
Faculty of Arts and Science
Geology Department

**Laboratory Geology for Engineers
Syllabus and Schedule**

I. General Information

- Course codification: Geol-4015L
- Course Title: Laboratory Geology for Engineers
- Sections: 090L (Wednesday) or 066L (Thursday)
- Meeting days and time: 090L (Wednesday, 3:30 pm - 5:20 pm)
066L (Thursday) 12:30 pm -2:20 pm)
- Course Location: Physics Building F204

II. Instructor Information

- Instructor: Juan Santos Ortiz
- Office: Department of Geology, Physics Building F417c
 - Office Hours: Thursday: 2:30 pm - 4:30 pm
- *Other hours available with prior notice (email)*
- Departmental Office Phone: (787)265-3845
- Email: juan.santos01@upr.edu

III. Requirements for the Laboratory

- Textbook
 - Exercises in Physical Geology, 12th edition, W. Kenneth Hamblin and James D. Howard
- Attendance
 - Mandatory for each lab.
 - Must assist your designated section.
 - Be prepared to participate in class.
- Due dates
 - All laboratory assignments are due the following week.
 - Late submissions will **not** be accepted.
- Lab Works
 - Students can work individually or in groups during the labs, however, each student must turn in his/her **own** work.
- Exams
 - Two exams will be administered during the laboratory. Dates for the exams will be announced later during the semester.

- Quizzes
 - Quiz will be administered at the beginning of each lab in the first 10 minutes of class.
 - Everyone who is late and does not have a valid excuse will have a 0 in that quiz. There will be no repositions for the quizzes, unless a valid excuse is presented. The quiz will include the material discussed during the previous lab.
- Cheating Policy
 - Plagiarism will not be accepted on the laboratory, the grade for that assignment will be Zero, and will be reported.
- Grading
 - Lab assignments will be graded on a point basis. All the grades together are the 50% of your course grade.
- Email
 - Check your @upr.edu email regularly for updates and information regarding the lab.
- **Topics discussed in both class and lab, will be used on the lab test.**

IV. Laboratory Schedule (Tentative):

Lab #1	Maps and Aerial Photos
Lab #2	Plate Tectonics
Lab #3	Minerals
Lab #4	Igneous Rocks
Lab #5	Sedimentary Rocks
Lab #6	Metamorphic Rocks
Lab Midterm (1-6)	<i>To be announced</i>
Lab #7	Geologic Time
Lab #8	Seismology
Lab #9	Structural Geology
Lab #10	Groundwater
Lab #11	Mass Movement
Lab #12	Stream Erosion and Deposition
Final Exam (7-12)	<i>To be announced</i>

V. Grading System:

- Standard Curve:

100-90	A
89-80	B
79-65	C
64-55	D
54-0	F

VI. Evaluation Strategies:

The laboratory consists a 50% of the course.

- Attendance (10%)
- Laboratory Reports (25%)
- Quiz (15%)
- Exam #1 (25%)
- Exam #2 (25%)

VII. Regulation and Policies:

- **Class attendance is compulsory.** The University of Puerto Rico, Mayaguez Campus reserves the right to deal at any time with individual cases of non-attendance. Professors are expected to record the absences of their students. Frequent absences affect the final grade and may even result in total loss of credits. Arranging to make up work missed because of legitimate class absence is the responsibility of the student (Bulletin of Information Undergraduate Studies)
- **Absence from examination:** Students are required to attend all examinations. If a student is absent from an examination for a justifiable reason acceptable to the professor, he or she will be given a special examination. Otherwise he or she will receive a grade of zero or “F” in the examination missed. (Bulletin of Information Undergraduate Studies).
- **Excuses from class or examinations:** ONLY WRITTEN EXCUSE WILL BE ACCEPTED. If a student is absent from an examination, he or she will have the opportunity to take a make-up test NO later than 5 days after group take the exam. Make-up exam will be given by appointment.
- **Policies on electronic devices:** Recorders and other audio or video equipment are NOT PERMITTED in the classroom at any time. NO CELL PHONES/ TABLETS are allowed during classes, neither students talking or sending messages with cell phones or other electronic devices. The use of laptop computer during class is not allowed.

- Cheating: All instance of cheating on quizzes and examinations will be immediately reported to the Dean of Arts and Sciences for review. There will be no exceptions to this policy.
- According to Law 51: Students will identify themselves with the Institution and the instructor of the course for purposes of assessment (exams) accommodations. For more information, please call the Student with Disabilities Office, which is part of the Dean of Students Office (Chemistry Building, room 019) at (787) 265- 3862 or (787) 832-4040 x3250 or 3258.
- Sexual harassment in the workplace and in the study, environment is an illegal and discriminatory act and is against the best interests of the University of Puerto Rico. All persons who understand they have been subject to acts of sexual harassment at the University of Puerto Rico may file a complaint and request that the institution investigate, where necessary, and assume the corresponding action by the university authorities. If the complainant is a student, he or she must refer his or her complaint to the Office of the Student Ombudsperson or that of the Dean of Students. (Certification 130-2014-2015)
- The academic guidelines for offering online courses, indicates that traditional face-to-face courses are those that have less than 25% of the course's regular contact hours via the Internet. Therefore, a three-credit course can be considered "face to face" if 11 hours or less (of the 45 hours of regular contact) are taught via the Internet. Thus, according to certification 16-43 of the Academic Senate, a course may include up to 25% of its total contact hours via the Internet. This alternative may be used in this course in the case of unscheduled eventualities. (Certification 06-43)

*****Any information in this syllabus is subject to change.*****