

GEOLOGY 1110L LAB
Physical Geology: Laboratory Sessions
Fall 2022

Instructor: Chuck Schick

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Office hours: Mon & Wed 3 to 4pm Rm 111 Health Sciences

Classroom: 1:30pm to 3:30pm Tuesday

Textbook Manual in Physical Geology

Supplies: calculator, colored pens or pencils, ruler and eraser.

Date	Topic	Pre Lab Reading
Aug 24	Introduction and Observation	See MS Teams Site each week before the lab
Aug 31	Mineral Identification	
Sept 7	Igneous Rx	
Sept 14	Metamorphic Rx	
Sept 21	Sedimentary Rx	
Sept 28	Rock dating, superposition, Geologic Events	
Oct 5	Maps, Scales, topography and symbols	
Oct 12	Geologic structures (faults, folds, etc.)	
Oct 19	Lab Exam 1	
Oct 26	Soil sampling and collection	
Nov 2	Groundwater	
Nov 9	Geomorphology	
Nov 16	More Rx and mineral Identification	
Nov 23	Mineral and Rock ID examine (hands on).	
Nov 30	Soil grain size analysis	
Dec 7	Lab Exam #2	

Course Goals:

- 1) *To introduce the principles and process of science using the study of earth science as an aide*
- 2) *To present Earth system processes and products and the methods by which they are studied*
- 3) *To give each student a better appreciation of the world around them, and how it affects their lives and the lives of others*

Reading:

Reviewing the lab before class is very helpful. In most cases this will allow you to **finish the lab earlier** and ultimately provide you with a much better understanding of the course material. **IT ONLY TAKES A FEW MINUTES.**

Attendance & Drop Policy:

Due to the hands-on nature of this class, regular attendance is *necessary* for successful completion. Therefore, I strongly encourage you to make the effort to be present.

Grading:

Your final grade will be based on grades you earn from laboratory write-ups. And participation. Also, a final mineral and rock identification examination.

Laboratory Write-Ups:

Write-ups for each laboratory session must be completed and handed in before the next lab.

COVID-19:

COVID-19 Health and Awareness. UNM is a mask friendly, but not a mask required, community. To be registered or employed at UNM, Students, faculty, and staff must all meet UNM's [Administrative Mandate on Required COVID-19 vaccination](#). If you are experiencing COVID-19 symptoms, please do not come to class. If you have a positive COVID-19 test, please stay home for five days and isolate yourself from others, per the [Centers for Disease Control \(CDC\) guidelines](#). If you do need to stay home, please communicate with me at cschick@unm.edu. I can work with you to provide alternatives for course participation and completion. UNM faculty and staff know that these are challenging times. Please let us know that you need support so that we can connect you to the right resources and please be aware that UNM will publish information on websites and email about any changes to our public health status and community response.

Support:

Student Health and Counseling (SHAC) at (505) 277-3136. If you are having active respiratory symptoms (e.g., fever, cough, sore throat, etc.) AND need testing for COVID-19; OR If you recently tested positive and may need oral treatment, call SHAC.

LoboRESPECT Advocacy Center (505) 277-2911 can offer help with contacting faculty and managing challenges that impact your UNM experience.

Title IX:

[Note: UNM encourages all faculty and TAs to include a Title IX statement on the syllabus and reminds all faculty, TAs, and GAs that per university policy APPM 2740 they are mandatory reporters to the Title IX Coordinator at the Office of Equal Opportunity of reports of gender discrimination, including sexual harassment, sexual misconduct and sexual violence. Information about how to have a conversation with a student about reporting and what steps to take is available on the [Title IX Coordinator page](#). Faculty may be interested in informational resources developed by a group of UNM faculty, Faculty SAFE.]

Accommodations: UNM is committed to providing equitable access to learning opportunities for students with documented disabilities. As your instructor, it is my objective to facilitate an inclusive classroom setting, in which students have full access and opportunity to participate. To engage in a confidential conversation about the process for requesting reasonable accommodations for this class and/or program, please contact Accessibility Resource Center at arcsrvs@unm.edu or by phone at 505-277-3506.

On the UNM Valencia Campus, the coordinator for accommodations is located in the guidance center. After you see them, they will confidentially, let me know what accommodations you will require.

KEEP A COPY OF THE SYLLABUS:

It is a great way to look ahead and see what's going to be discussed. And the best way to read before class and be prepared for any pop quizzes.

NOTE: This schedule is an outline of what is anticipated to be covered this semester. The dates and topics are subject to change if needed. Changes will be related to you ASAP in class.

Tutoring Services

Not sure if you'll need this for our class but the university has asked me to include it. Here is a link to the tutor service on campus if you feel you need more help. The second link is for making an appointment

<https://valencia.unm.edu/campus-resources/the-learning-center/learning-center.html>

<https://esurvey.unm.edu/opinio/s?s=131505>