

Syllabus Labs for Historical Geology (GEOL 1314): GEOL 1104

INSTRUCTOR

Dr. Benjamin Brunner
Assistant Professor, Geological Sciences

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Overview: MEETING PATTERN & LOCATION

Historical Geology Lectures:

Instructor: Benjamin Brunner

Lab for GEOL 1314: *GEOL 1104 CRN 13137 (currently 16 students)*

Lab Leader: Hayden Thompson

Class 8:30 am – 10:20 am Tuesday Geology Building 404

Lab for GEOL 1314: *GEOL 1104 CRN 15118 (currently 14 students)*

Lab Leader: Hayden Thompson

Class 8:30 am – 10:20 am Wednesday Geology Building 404

OFFICE HOURS

Preferred: by appointment via email to Dr. Brunner (bbrunner@utep.edu)
Tuesday & Thursday 2:00 pm – 3:00 pm; Room 404A Geology Building.



COURSE DESCRIPTION

This laboratory course will serve as an introduction to topics in Historical Geology and help promote a basic understanding of elements of geologic time and principles of relative age dating of geologic events and the relation to ancient environments. The major geologic eras, periods, and epochs are discussed and related to ancient tectonic events and fossil occurrences.

REQUIRED Laboratory material

Investigations in Historical Geology: Lab Manual by Deborah Caskey and Vicki Harder

There will be handouts & material posted Blackboard.

COURSE OBJECTIVES

Students will learn by observation and application of principles of Historical Geology to understand how to apply their knowledge in a laboratory environment to further understand principles related to the history of life and events that shaped the Earth.

YOUR PARTICIPATION IS ESSENTIAL

Please contact Dr. Brunner about any concerns, schedule conflicts, etc. in advance or otherwise as soon as possible! A significant portion of your grade is based on participation, so ***any missed classes and assignments must have proper documentation, or your grade will drop.*** Valid excuses include illness, absence with the instructor's prior approval, official University business, etc.

Accommodations are possible for active duty military and others, but arrangements must be made in a timely manner. If you are in the military with the potential of being called to military service and /or training during the course of the semester, you are encouraged to contact the instructor as soon as possible.

If you think you may have a ***disability or if you are experiencing learning difficulties***, please contact the Center for Accommodations and Support Services (CASS), East Union Bldg, Room 106:

Office: 915-747-5148 / Email: cass@utep.edu / <https://www.utep.edu/student-affairs/cass/>

How to be excused for absence or being late to the Lab:

- Apply to be excused by writing email to bbrunner@utep.edu AND the TA in your lab
Hayden Thompson: hethompson2@miners.utep.edu
- Subject line MUST include (in this order): Hist Geol 1104 – YOUR NAME – Date of absence
- If absence is foreseeable (examples: job interview, surgery, wedding): before the absence
- If absence was not foreseeable (examples: migraine, car crash, childbirth, being arrested): asap, when can be done safely (do not text and drive!). Not finding a parking spot is NOT an excuse – it is bad planning.
- Student must ensure that excuse for absence has been granted, i.e. must have received email with confirmation of excuse of absence from Dr. Brunner or the TA responsible for the class. Dr. Brunner is fully responsible for granting the absence – please do not try to ‘convince’ your TA, it is not going to help. Sorry!

Important notes:

- 1) **Learning in teams** is much more effective than learning alone and is highly encouraged.
- 2) **Course Drop Deadline: November 1, 2019:**
The College of Science aligns with UTEP's posted drop date of November 1 for the Fall 2019 semester. The College of Science will not approve any student- or faculty-initiated drop requests for a course after that date, except under circumstances of complete withdrawal of all courses due to medical or non-medical reasons.
- 3) **Absence/Late to class Policy:**
Unexcused absence and/or late arrival to class in more than two cases will result in being dropped from class or a failing grade.
See below on how to be excused from absence/late arrival
- 4) **Grades:**
In-class assignments (60%)
Individual Quiz (20%)
Group Quiz (20%)
Note 1: Group size is typically 3 to 4 people per group, group remains the same during the semester
Note 2: NO Final Exam for the lab
Participation in discussion and extra efforts can earn you another 10%.
- 5) **Homework**
Homework assignments are at the discretion of the teaching assistant and will be assigned in class or posted in the class blackboard page. Homework must be turned in at the beginning of class on the due date. No late homework will be accepted. No homework may be submitted through email unless prior arrangements have been made (with an excused absence).

Cheating/Plagiarism:

Cheating is unethical and not acceptable. Plagiarism is using information or original wording in a paper without giving credit to the source of that information or wording; it is also not acceptable. Do not submit work under your name that you did not do yourself. You may not submit work for this class that you did for another class. If you are found to be cheating or plagiarizing, you will be subject to disciplinary action, per UTEP catalog policy. Refer to <http://www.utep.edu/dos/acadintg.htm> for further information.

SCHEDULE OF TOPICS – *subject to change!*

Date:	Topic:	Reading & Assignments
Week 1 Aug 25-31	<ul style="list-style-type: none"> • Review of Physical Geology 	Syllabus
Week 2 Sep 1-7	<ul style="list-style-type: none"> • Science and Geology • Note: Monday no class – Labor Day (Labs take place, as they are on Tuesdays/Wednesdays) 	Quiz 1
Week 3 Sep 8-14	<ul style="list-style-type: none"> • Geologic Time • Sept 11: This is the last day to register for classes. If payment is not received by this day, students will be dropped. 	Quiz 2
Week 4 Sep 15-21	<ul style="list-style-type: none"> • Interpreting Ancient Environments 	Quiz 3
Week 5 Sep 22-28	<ul style="list-style-type: none"> • Fossil Preservation • Sept 23: Students who were given a payment deadline extension will be dropped at 5:00 pm if payment arrangements have not been made. 	Quiz 4
Week 6 Sep 29-Oct 5	<ul style="list-style-type: none"> • Organic Evolution 	Quiz 5
Week 7 Oct 6-12	<ul style="list-style-type: none"> • Interpreting Ancient Tectonic Settings 	Quiz 6
Week 8 Oct 13-19	<ul style="list-style-type: none"> • Precambrian 	Quiz 7
Week 9 Oct 20-26	<ul style="list-style-type: none"> • Paleozoic 	Quiz 8
Week 10 Oct 27-Nov 2	<ul style="list-style-type: none"> • Mesozoic • Nov 1: Course drop deadline The College of Science will not approve any student- or faculty-initiated drop requests for a course after that date, except under circumstances of complete withdrawal of all courses due to medical or non-medical reasons. 	Quiz 9
Week 11 Nov 3-9	<ul style="list-style-type: none"> • Cenozoic 	Quiz 10
Week 12 Nov 10-16	<ul style="list-style-type: none"> • Anthropology (time permitting) 	Quiz 11
Week 13 Nov 17-23	<ul style="list-style-type: none"> • Climate and Climatic Change 	Quiz 12
Week 14 Nov 24-30	<ul style="list-style-type: none"> • Nov 28/29: Thanksgiving – please negotiate with Hayden Thompson what you would like do 	No Quiz
Week 15 Dec 1-7	<ul style="list-style-type: none"> • Make-Up Labs, Review for Final Exam • Dec 5 Last day of classes, Dec 6 Dead day 	No Quiz
Week 16 Dec 8-14	<i>No lab, no final for Lab – but there is a final exam for the lecture!</i>	<i>Good luck!</i>

