

# GEOL 1104 (CRN 12742) Introduction to Historical Geology Lab Syllabus Fall 2022

## Meeting Time and Location:

Wednesday 8:30-10:20am, Geology Building, Room 404. Lab will be held in person every week; you will need to attend lab to complete the group exercises.

## Meet Your Instructors:

### Lecture Instructor: Dr. Benjamin Brunner

Office: 404A Geological Sciences Building

Email: [bbrunner@utep.edu](mailto:bbrunner@utep.edu)

Office Hours:

preferred appointment via email to  
[bbrunner@utep.edu](mailto:bbrunner@utep.edu)

presence Tuesday & Wednesday  
2:00 pm – 3:00 pm 404ABCDF



### Lecture and Lab Teaching Assistant:

**Madison Woelfel**

Email: [mcwoelfel@miners.utep.edu](mailto:mcwoelfel@miners.utep.edu)

Office Hours: Email Madison to set up a time to meet on zoom or in person.



## Course Description:

This lab is intended to supplement the Introduction to Historical Geology lecture material. Students will work mainly in groups to complete lab activities that pertain to the history of the Earth System.



**Course Materials:**

No required text or lab manual for the lab. Your TA will provide all necessary lab materials each week.

**Course Grading:**

Attendance (50%)

Participation (50%)

Due to the hands-on approach of this lab and the focus on group activities, grading will be based on attendance and participation. There will be no homework or take-home exercises, all lab assignments are expected to be completed within the allotted time given for the lab period. Each lab will be counted equally in the grading scheme.

**Attendance Policy:**

Due to the nature of lab exercises, it is vital that you make attendance a priority in this lab. Students are expected to attend every lab session throughout the semester and to ensure that any absences are excused.

**Excused Absences/Make-Up Work:**

To be excused for an absence, students must send an email to Madison Woelfel explaining the absence. If the absence is foreseeable (ex: appointment, meeting, etc.), send the email before the absence. If the absence is not foreseeable (ex: sickness, car accident, etc.), send the email as soon as safely possible.

If an absence is excused by the TA, students will be required to make-up the lab work for credit. Generally, make-up work for this lab section is more time intensive and laborious than the group activities done in the lab session so it is in your best interest to avoid absences. If an absence is unavoidable, make sure to send the TA an email detailing your absence and upon being excused, the TA will provide you with the make-up work you will need to complete for credit.

*Please note that I will not entertain requests to make-up labs past a week after the absence. Send your emails requesting to be excused in a timely manner and ensure you pay attention to due dates and criteria given to you for your makeup work. Failure to request an excused absence within a week of the absence will result in a 0% grade for that lab.*

**Academic Integrity:**

Cheating/plagiarism are unacceptable and will not be tolerated. Students will adhere to the UTEP academic integrity policy.

**Students with Disabilities:**

If you have, or suspect you may have a disability, please contact the Center for Accommodation and Support Services (CASS), East Union Building, Room 106, phone: (915)747-5148, email: [cass@utep.edu](mailto:cass@utep.edu).

## **Tentative Schedule of Lab Topics**

*Subject to Change*

<b><u>Date</u></b>	<b><u>Topic</u></b>
<u>Week 1</u> Aug. 24	Introduction and Timescale
<u>Week 2</u> Aug. 31	Rocks and Minerals
<u>Week 3</u> Sep. 7	Fossils
<u>Week 4</u> Sep. 14	Ancient Depositional Settings
<u>Week 5</u> Sep. 21	Relative/Absolute Time and Geologic Observations
<u>Week 6</u> Sep. 28	Climate Change
<u>Week 7</u> Oct. 5	No Lab
<u>Week 8</u> Oct. 12	Ancient Tectonic Settings
<u>Week</u> Oct. 19	Planetary Geology
<u>Week 10</u> Oct. 26	Precambrian
<u>Week 11</u> Nov. 2	Paleozoic
<u>Week 12</u> Nov. 9	Mesozoic
<u>Week 13</u> Nov. 16	Cenozoic
<u>Week 14</u> Nov. 23	No Lab – Have a Nice Thanksgiving Break!
<u>Week 15</u> Nov. 30	Review
<u>Finals Week</u> Dec. 7	No Lab – Good Luck on Finals!