



Earth Science Geology 1401 DC
Course syllabus Fall 2025

“Northeast Texas Community College exists to provide personal, dynamic learning experiences empowering students to succeed.”

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Office Hours	Monday	Tuesday	Wednesday	Thursday	Friday
	8:05-8:55	8:05-8:55	8:05-8:55	8:05-8:55	8:05-8:55
	4:00-4:30	4:00-4:30	4:00-4:30	4:00-4:30	4:00-4:30

This syllabus serves as the documentation for all course policies and requirements, assignments, and instructor/student responsibilities.

Information relative to the delivery of the content contained in this syllabus is subject to change. Should that happen, the student will be notified.

Catalog Course Description (no prerequisites): 4 credit hrs. The objective of this course is to provide students with a better understanding and appreciation of the Earth Sciences and the knowledge of how the earth's systems (geosphere, hydrosphere, biosphere, and atmosphere) work and interact.

This course is the first semester of a two-semester sequence delivered in a traditional face to face classroom.

➤ The last day to drop with a “W” is **Tuesday November 18, 2025**

It is the student's responsibility to withdraw by that date if they are not able to complete the course. Failure to do so WILL result in a grade of “F” for the semester.

Policies

- Listen and be quiet when the teacher is speaking
- Turn assignments in on time
- Follow directions the first time they are given
- Do not go behind my desk
- Treat everyone respectfully
- Be prompt to class
- No personal cellular/wireless devices used in class
- Maximum of 2 restroom passes per six weeks

Required Textbook(s): Provided in class or through Schoology

McGraw Hill The Good Earth 5th Ed.

Exploring Environmental Science Miller-Spoolman 2021

College Student Learning Outcomes:

Critical Thinking Skills

CT.1

Students will demonstrate the ability to 1) analyze complex issues, 2) synthesize information, and 3) evaluate the logic, validity, and relevance of data.

Communication Skills

CS.1

Students will effectively develop, interpret, and express ideas through written communication.

Teamwork

TW2. Students will work with others to support and accomplish a shared goal.

Student Learning Outcomes for Geol 1401:

GEOL 1401 Earth Sciences for Non-Science Majors I

Survey of geology, meteorology, oceanography, and astronomy.

Upon successful completion of this course, students will:

- 1.Explain the current theories concerning the origin of the Universe and of the Solar System.
- 2.Explain the place of Earth in the Solar System and its relationships with other objects in the Solar System.
- 3.Relate the origin and evolution of Earth's internal structures to its resulting geologic systems, including Earth materials and plate tectonic activities.
- 4.Explain the operation of Earth's geologic systems and the interactions among the atmosphere, the geosphere, and the hydrosphere, including meteorology and oceanography.
- 5.Explain the history of the Earth including the evolution of earth systems and life forms.
- 6.Classify rocks and minerals based on chemical composition, physical properties, and origin.
- 7.Apply knowledge of topographic maps, diagrams, and/or photographs to identify landforms and explain the processes that created them.
- 8.Differentiate the types of plate boundaries, explain the processes that occur at each and identify associated structural features on maps, block diagrams and cross sections.
- 9.Apply relative and numerical age-dating techniques to construct geologic histories.
- 10.Measure atmospheric processes that affect weather and climate.
- 11.Describe the composition and motion of ocean water and analyze the factors controlling both.
- 12.Compare properties and motions of objects in the solar system.
- 13.Demonstrate the collection, analysis, and reporting of data

Evaluation/Grading Policy:

Course Work 25% of final course grade

Tests & Select Labs 75% of final course grade.

HOMEWORK: Homework will be assigned weekly and will be expected on by the due date. **Homework must be turned in on time for full credit (no exceptions).**

QUIZZES: Quizzes will be administered often to check for understanding.

TESTS: At least 8 tests will be taken during the semester. You will be notified when a lab activity is to be counted as a test grade. Tests will cover material presented in the class including textbook readings, homework, discussions, videos, and quizzes. **Tests must be taken by the due date.** Plan to take a test early if you have extracurricular activities that will cause you to miss a test day.

FINAL EXAM:

Final Exam must be taken by the due date, no exceptions.

Other Course Requirements:

This is a face to face Dual Credit course in Earth Science. Lecture, study materials and assignments will be delivered either in class or through Schoology at MPHS or Blackboard Learning Management System at NTCC. Students should ensure that they have the appropriate hardware, software, and technical skills for completing all assignments and tests.

Student Responsibilities/Expectations:

Northeast Texas Community College is a “community of scholars.” Please remember that you and all students in this class are pursuing very important goals in your lives. As scholars, I expect every student to be courteous to other students and the instructor in all class experiences. The academic honesty and ethics statements below are crucial to the integrity of any college coursework, particularly in an online setting.

NTCC Academic Honesty/Ethics Statement:

NTCC upholds the highest standards of academic integrity. The college expects all students to engage in their academic pursuits in an honest manner that is beyond reproach using their intellect and resources designated as allowable by the course instructor. Students are responsible for addressing questions about allowable resources with the course instructor. Academic dishonesty such as cheating, plagiarism, and collusion is unacceptable and may result in disciplinary action. This course will follow the NTCC Academic Honesty and Academic Ethics policies stated in the Student Handbook. Refer to the student handbook for more information on these subjects.

Alternate Operations During Campus Closure and/or Alternate Course Delivery Requirements

In the event of an emergency or announced campus closure due to a natural disaster or pandemic, it may be necessary for Northeast Texas Community College to move to altered operations. During this time, Northeast Texas Community College may opt to continue delivery of instruction through methods that include, but are not limited to, online through the Blackboard Learning Management System, online conferencing, email messaging, and/or an alternate schedule. It is the responsibility of the student to monitor NTCC's website (<http://www.ntcc.edu/>) for instructions about continuing courses remotely, Blackboard for each class for course-specific communication, and NTCC email for important general information.

Additionally, there may be instances where a course may not be able to be continued in the same delivery format as it originates (face-to-face, fully online, live remote, or hybrid). Should this be the case, every effort will be made to continue instruction in an alternative delivery format. Students will be informed of any changes of this nature through email messaging and/or the Blackboard course site.

ADA Statement:

It is the policy of NTCC to provide reasonable accommodations for qualified individuals who are students with disabilities. This College will adhere to all applicable federal, state, and local laws, regulations, and guidelines with respect to providing reasonable accommodations as required to afford equal educational opportunity. It is the student's

responsibility to request accommodations. An appointment can be made with the Academic Advisor/Coordinator of Special Populations located in Student Services and can be reached at 903-434-8264. For more information and to obtain a copy of the Request for Accommodations, please refer to the special populations page on the NTCC website.

Family Educational Rights and Privacy Act (FERPA):

The Family Educational Rights and Privacy Act (FERPA) is a federal law that protects the privacy of student education records. The law applies to all schools that receive funds under an applicable program of the U.S. Department of Education. FERPA gives parents certain rights with respect to their children's educational records. These rights transfer to the student when he or she attends a school beyond the high school level. Students to whom the rights have transferred are considered "eligible students." In essence, a parent has no legal right to obtain information concerning the child's college records without the written consent of the student. In compliance with FERPA, information classified as "directory information" may be released to the general public without the written consent of the student unless the student makes a request in writing. Directory information is defined as: the student's name, permanent address and/or local address, telephone listing, dates of attendance, most recent previous education institution attended, other information including major, field of study, degrees, awards received, and participation in officially recognized activities/sports.

Tentative Course Timeline (*note* instructor reserves the right to adjust this timeline at any point in the term):

GEOLOGY 1401-INTRODUCTION TO EARTH SCIENCE

ASSIGNMENT SCHEDULE

Face to Face format will follow the weekly schedule given in class at MPHS.

Labs will be assigned in class.