

## GEOL 1302.088TR INTRODUCTION TO EARTH SCIENCE II



**NORTHEAST TEXAS  
COMMUNITY COLLEGE**

Course Syllabus: Spring 2024 (Online)

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

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Office	Monday	Tuesday	Wednesday	Thursday	Friday	Online
Hours	Online	Online	Online	Online	Online	24/7

*The information contained in this syllabus is subject to change without notice. Students are expected to be aware of any additional course policies presented by the instructor during the course.*

**Course Description:** Lecture: Extension of the study of geology, astronomy, meteorology and oceanography, focusing on natural resources, hazards and climate variability.

**TSI REQUIREMENT:** n/a

**PREREQUISITE(S):** none

**REQUIRED TEXTBOOK AND MATERIALS:** The Good Earth, 5e, by McConnell & Steer; ISBN 978-1-260-46629-4

MCCONNELL / THE GOOD EARTH: INTRO TO EARTH SCIENCE DIGITAL TEXT W/CONNECT (+Proctorio) \$112.00

**To access McGraw Hill Connect and the textbook, this is the easiest way to easily get you registered for McGraw Hill Connect: Log into this course in Blackboard. Click on CONTENT/HOME PAGE on the left side of the screen, then click on WEEK #2 folder, then click on the CH 1 HOMEWORK link. (This will not force you to do the homework at this point). Once you click on the homework assignment, it opens up the opportunity to register for McGraw Hill Connect and obtain textbook access as well. It should cost \$119 per our representative for one year access. YOU WILL HAVE TO DOWNLOAD THE PROCTORIO EXTENSION prior to taking the Connect Quiz for the course. See "TESTS" section in the syllabus for more information.**

**Minimum Technology Requirements:**

Laptop or computer

Printer access (helpful but not required)

Access to high speed daily internet

Microsoft Office 365 (available as a free download for all NTCC students)

**Required Computer Literacy Skills:** Ability to use a web browser to access NTCC Blackboard System for course information, eBook and McGraw Hill Connect. Ability to access NTCC student email system and communicate professionally and competently with instructor. Ability to create and complete Word documents, save on your computer and upload into Bb assignment links if necessary.

**Course Goals and/or Objectives:**

configurations, astronomical relationships and atmospheric composition.

- Discuss potential effects of climate variability on Earth systems, including biological systems.
- Recognize how scientific models represent an abstraction of complex systems, such as ocean circulation and climate variability.
- Describe natural resources used by humans and their occurrence and extraction.
- Discuss the effects of renewable and nonrenewable resource development and sustainability

### 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.

#### Empirical and Quantitative Skills

EQS.1

Students will manipulate numerical data or observable facts by organizing and converting relevant information into mathematical or empirical form.

EQS.2

Students will analyze numerical data or observable facts by processing information with correct calculations, explicit notations, and appropriate technology.

#### Team Work

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

### GEOL 1302 Student Learning Outcomes:

1. Gain critical thinking skills while working on and completing weekly homework assignments, which include applying methods such as Venn, diagrams, rubrics and concepts maps.
2. Gain awareness of geological events, weather and climate patterns and oceanic circulation on a global scale and understand/evaluate why events/features occur where they do. Assessment of your awareness is done through various homework assignments.
3. Gain knowledge of geological, meteorological, astronomical and oceanic features and processes through videos, documentary summaries, exams, and homework.

**These learning outcomes will be assessed throughout the course and on the final exam.**

### COURSE SCHEDULE: NTCC GEOL 1302 SPRING 2024 EARTH SCIENCE II FOR NON- SCIENCE MAJORS

Week #	Dates:	Chapters/Sections Covered & Due Dates
1	JAN 16 - JAN 20	<b>WELCOME WEEK</b> Syllabus and Course Calendar Review, Registration for McGraw Hill Connect; take your Syllabus Quiz
2	JAN 21 – JAN 27	<b>CH 9 WEATHERING SECTIONS 9.1 – 9.5</b> SMARTBOOK & MOVIE NIGHT DUE 1-26-24 HOMEWORK DUE 1-27-24
3	JAN 28 – FEB 3	<b>CH 9 SOILS - SECTIONS 9.6 &amp; 9.7</b> SYLLABUS QUIZ DUE 1-31-24 SMARTBOOK & MOVIE NIGHT DUE 2-2-24 HOMEWORK DUE 2-3-24
4	FEB 4 – FEB 10	<b>CH 10 LANDSLIDES AND SLOPE FAILURE</b> TEST #1 OPENS 2-4-24 (CH 9 & 10) SMARTBOOK & MOVIE NIGHT DUE 2-9-24 HOMEWORK DUE 2-10-24

HOMEWORK DUE 2-24-24		
7	FEB 25 – MAR 2	<b>METRICS UNIT</b> TEST #2 (CH 11 & 12) DUE 2-25-24 VIDEOS DUE 3-1-24 MOVIE NIGHT DUE 3-1-24 QUIZ DUE 3-2-24
8	MAR 3 – MAR 9	<b>MIDTERM EXAM</b> OPEN 3/3/24 AND CLOSSES 3/10/24
	MAR 10 – MAR 16	<b>SPRING BREAK</b>
9	MAR 17 – MAR 23	<b>CH 14 THE ATMOSPHERE – SECTIONS 14.1 – 14.4</b> SMARTBOOK & MOVIE NIGHT DUE 3-22-24 HOMEWORK DUE 3-23-24
10	MAR 24 – MAR 30	<b>CH 14 THE ATMOSPHERE – SECTIONS 14.5 – 14.8</b> SMARTBOOK & MOVIE NIGHT DUE 3-29-24 HOMEWORK DUE 3-30-24
11	MAR 31 – APR 6	<b>CH 15 WEATHER SYSTEMS – SECTIONS 15.1 – 15.3</b> TEST #3 (CH 14 & CH 15 SECTIONS 15.1-15.3) OPEN 3-31-24 SMARTBOOK & MOVIE NIGHT DUE 4-5-24 HOMEWORK DUE 4-6-24
12	APR 7 – APR 13	<b>CH 15 WEATHER SYSTEMS – SECTIONS 15.4 – 15.6</b> TEST #3 (CH 14 & CH 15 SECTIONS 15.1-15.3) DUE 4-7-24 SMARTBOOK & MOVIE NIGHT DUE 4-12-24 HOMEWORK DUE 4-13-24
13	APR 14 – APR 20	<b>CH 17 GLOBAL CHANGE – SECTIONS 17.1 – 17.4</b> SMARTBOOK & MOVIE NIGHT DUE 4-19-24 HOMEWORK DUE 4-20-24
	APR 21- APR 27	<b>CH 17 GLOBAL CHANGE SECTIONS – 17.5 – 17.7</b> TEST #4 (CH 15 SECTIONS 15.4-15.6 & CH 17) OPEN 4-21-24 SMARTBOOK & MOVIE NIGHT DUE 4-26-24 HOMEWORK DUE 4-27-24
15	APR 28 – MAY 4	<b>LETTER TO PRESIDENT PROJECT</b> TEST #4 (CH SECTIONS 15.4-15.6 & CH 17) DUE 4-28-24 LETTER PROJECT DUE 5-3-24
16	MAY 5 – MAY 10	<b>FINAL EXAM</b> OPEN 5-3-24 & DUE 5-8-24

**Evaluation/Grading Policy:** This course will consist of Smartbook Questions, Movie Night questions, Homework assignments, 4 tests, one project, and a Midterm and Final exam with the following weight in calculating final course average:

**45% Homework, Smartbook Questions, & Movie Night Questions**

**25% Tests and Letter to President Project**

**15% Midterm Exam**

**15% Final Exam**

**CLASS ATTENDANCE:** Your online activity within the course will be monitored throughout the session. Participation and staying current in the course will be considered during final grade evaluation.

**GENERAL POLICIES AND PROCEDURES:**

**Due Dates and Deadlines:** The deadline for turning in all assignments, tests, and quizzes will be 11:59pm on the due date. This deadline does not apply to the Midterm or Final Exam. Due dates for all assignments in this course can be found in the Start Here Folder or at: <https://calendar.google.com/calendar/embed?src=16f8a45fdbe7ac285905ee724ca7f12b9c7b77f10ed1afa65427d7fc3fc71cd8%40group.calendar.google.com&ctz=America%21>

This is a completely online course. Assignments are due weekly; thus, keeping up with the schedule is essential to your success. Your personal schedule must allow you to keep up with the due dates for the assignments. **Late work is not allowed in this course**, so you must plan your schedule carefully. **EXTRA CREDIT IS NOT OFFERED IN THIS COURSE.**

**Technical Difficulties:** **Technical issues with your computer/tablet/smart phone/internet/wifi are not an excuse to miss deadlines. This is why assignments should not be put off until near the deadline.**

**The following items reflect your grading criteria and must all be completed and submitted via Blackboard:**

questions. These are always due on Friday nights. All but one of the questions are multiple-choice, and are simply answered by watching and listening to the movie. I provide a printable copy of the questions for your convenience if you have printer access, but you will need to turn in your answers through the electronic submission of movie questions. You have 2 attempts for this type of activity and the highest grade will be recorded. After watching the video you will be asked to write a paragraph that describes what you learned or things you found most interesting about the video and why, so be prepared to think about how you will answer that as you watch the video. Your answer to the last question is worth **30 points** so please provide at minimum a 6 sentence paragraph with correct spelling, punctuation, and grammar for your answer, and be sure to provide specific information from the video. **Late submissions of the Movie Night Questions will not be accepted.**

- **HOMEWORK:** Homework will be assigned for each chapter, is always due on Saturday nights, and **must be turned in on time for full credit (no exceptions)**. Homework will not be accepted after the due date and will be given a score of zero if turned in late. Homework is open book with three attempts are allowed up until the due date, and the highest grade will be recorded..
- **TESTS** Four tests will be given during the course using McGraw Hill Proctorio and are always due on Sunday nights. Tests will be worth 100 points each with two attempts provided and the highest grade recorded. Tests will cover material presented in the associated chapters in the textbook, and homework. All test scores will be included in your final grade. Each test has 50 questions with a time limit of 60 minutes; once you start the test you must finish it. **Tests must be taken by the due date; no exceptions.**  
**IN ADDITION TO USING CONNECT FOR YOUR HOMEWORK ASSIGNMENTS. BE ADVISED THAT FOR ALL TESTS INCLUDING THE SYLLABUS QUIZ, MIDTERM AND FINAL. YOU WILL USE MCGRAW HILL PROCTORIO. If you have never used Proctorio, please click here: <https://proctorio.com/support/setup> AS THIS WILL BE REQUIRED TO ACCESS ANY OF THE TESTS, MIDTERM AND FINAL EXAM.**
- **MIDTERM AND FINAL EXAMS:** The midterm and final exams are 100 questions multiple choice/true false with a 75 minute time limit and you only have one attempt. All midterm and final exam questions come directly off of either the Tests, questions in the optional Smartbook Activities, and Homework. The midterm and final exam can be taken from home, but McGraw Hill Proctorio must be used to take the midterm and final. **The Midterm and Final Exams must be taken by the due date; no exceptions.**
  - **Midterm Exam**-The final exam covers Chapters 9, 10, 11, 12. The midterm exam opens Sunday March 3, 2024 and is due Sunday March 10, 2024 before midnight
  - **Final Exam**-The final exam covers Chapters 14, 15, 17. The final exam opens Friday May 3, 2024 at midnight and closes Thursday May 8, 2024 before midnight.

**Additional Midterm Grades information:** *NTCC instructors are required to enter midterm grades during the ninth week of the semester. Once entered, each student's mid-term grade may be viewed by College personnel with the need to monitor such information, such as student records, student financial aid, academic advising and counseling, and administrative staff.*

**Note:** Midterm grades can change a great deal, for the better or worse, from the time they are entered until final grades are turned in and they do not impact your GPA. They are simply a measurement the student can use to take stock in what may or may not be working at the halfway point of the course. Please contact me if you have a concern about your grades at the midterm.

### Communications:

- **EMAIL:** Please check your NTCC email EVERYDAY. Email is the official form of communication used here at NTCC. All emailed questions to the instructor will be responded to within 24 hours unless a weekend and you may not hear back till the next business day on Monday, but usually within a few hours when possible. My instructor email address is [tlubbe@ntcc.edu](mailto:tlubbe@ntcc.edu). So you are aware, I do NOT LIKE Blackboard Messages as a means of communicating with students, so please select an alternate form of communication-email or text (see below)!

- open.
- **ANNOUNCEMENTS:** These can be found in Blackboard under the course link on your Bb homepage. Please make sure you are reading any announcements thoroughly when they are posted there.

### Student Responsibilities/Expectations:

- The last day to drop with a "W" is **THURSDAY April 18, 2024**. **It is a student's responsibility to ensure the withdrawal process is completed 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. Your instructor will not drop you due to failing grades or lack of participation.**

### 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.

### Statement Regarding the Use of Artificial Intelligence (AI) Technology:

Absent a clear statement from a course instructor, use of or consultation with generative AI shall be treated analogously to assistance from another person (collusion). Generative AI is a subset of AI that utilizes machine learning models to create new, original content, such as images, text, or music, based on patterns and structures learned from existing data (Cornell, Center for Teaching Innovation). Unauthorized use of generative AI tools to complete an assignment or exam is not permitted. Students should acknowledge the use of generative AI and default to disclosing such assistance when in doubt.

Individual course instructors may set their own policies regulating the use of generative AI tools in their courses, including allowing or disallowing some or all uses of such tools. Students who are unsure of policies regarding generative AI tools are encouraged to ask their instructors for clarification. (Adapted from the Stanford University Office of Community Standards-- accessed August 31, 2023)

### NTCC Academic Honesty Statement:

"Students are expected to complete course work in an honest manner, using their intellects and resources designated as allowable by the course instructor. Students are responsible for addressing questions about allowable resources with the course instructor. NTCC upholds the highest standards of academic integrity. This course will follow the NTCC Academic Honesty policy stated in the Student Handbook."

### 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 the College Connection. She/he can be reached at 903-434-8218. For more information and to obtain a copy of the Request for Accommodations, please refer to the [NTCC website - Special Populations](#).

## NTCC GEOL 1302 Spring 2024 Syllabus.docx

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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 educational institution attended, other information including major, field of study, degrees, awards received, and participation in officially recognized activities/sports.