

GEOS-1040 GEOSCIENCE: EARTH & SOCIETY

THE DEPARTMENT OF GEOSCIENCES EAST TENNESSEE STATE UNIVERSITY FALL 2021 *ITV\ONLINE* 3 CREDIT HOURS



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OFFICE.....327 Ross Hall - [Click for ETSU Map](#)
VIRTUAL OFFICE HOURS.....MW 8:30 am to 10:00 am, after class, and by appointment.
ETSU Syllabus Attachment.....[Select this link to view ETSU syllabus attachment](#)
ONLINE AVAILABILITY.....Emails will be reviewed daily. Expect a response within 24 hours.

MISSION STATEMENT:

Welcome to GEOL-1040! Geoscientists are concerned with understanding Earth as the home of humankind. The study of Geoscience deals with questions and problems of location, distribution, pattern and process within such varied contexts as the social, cultural, natural and physical environments. Geoscience is an approach to understanding spatial data and information, where physical and temporal scales are fundamental. It is the study of **HOW MUCH** of **WHAT** is **WHERE**, **WHEN** and **WHY**. Simply stated, Geoscience is the scientific study of **"PLACE."**

WHAT IS GEOSCIENCE:

Geoscience brings together several branches of the natural sciences to provide students with an overview of man's physical environment and the processes that shape it. This course examines the impact of the physical environment upon people and the impact of people's activities upon their physical environment.

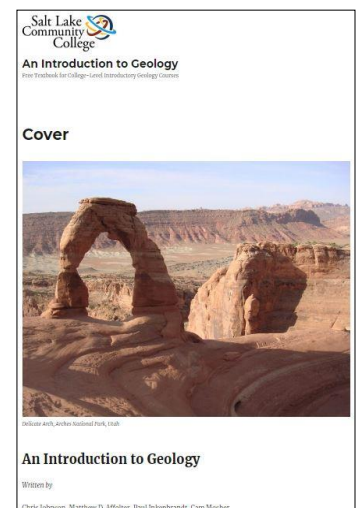
TEXT:

[An Introduction to Geology](#)

Free Textbook for College-Level Introductory Geology Courses

This is an open source textbook that is available online free of charge compliments of Chris Johnson, Salt Lake Community College, Department of Geosciences. Click the title above, the text image, or the link below to access the text: <https://opengeology.org/textbook/>

Open textbooks are textbooks that have been funded, published, and licensed to be freely used, adapted, and distributed. These books have been reviewed by faculty from a variety of colleges and universities to assess their quality. These books can be downloaded at no cost to the student.



CLASS FORMAT:

Basically, the course combines an in person GEOS-1040 course - Section 501 in room 202a Sam Wilson and a "Streaming" section (Section 990) where "streaming" students can **EITHER log in @ 12:35PM and watch the live stream, OR they may view the recorded class at a later time** (Note: only streaming students have this option). Refer to Goldlink to see which section you are registered. **Note: Your D2L homepage will list ALL students as being in the 501 section.** This is because on D2L all sections are combined into one giant section for simplicity. If in doubt refer to GoldLink.

COVID 19 CLASS FORMAT:

East Tennessee State University has implemented a number of health and safety guidelines to prevent the spread of COVID-19. Your awareness and acknowledgement of these protocols is essential as we embark upon this semester. With that in mind, please do your part to help protect our most important asset – people. ETSU will remain at Stage 4 for the start of the semester to reduce the spread of the virus on campus and at home. **Face coverings are required in most indoor settings for all students, faculty, staff, and visitors.** The emergency policy on face coverings applies to those who have been vaccinated, as well as those who have yet to receive the vaccine. For more information: <https://www.etsu.edu/coronavirus/health-and-safety/face-coverings.php>. Do not come to class if you are ill or have been around other who are ill.

For a summary of ETSU CARE processes and support services available to you during the pandemic use the following links: <https://www.etsu.edu/coronavirus/> and <https://www.etsu.edu/students/dean-students/>.

To help facilitate the health and safety of students, researchers, staff (including non-departmental staff, such as custodians and facilities service employees), and faculty, the Department of Geosciences (GEOS) has developed plans and policies for all GEOS activities, including (but not limited to) classroom teaching, research and organizations. To view this document, click on the following link: <https://www.etsu.edu/cas/geosciences/documents/geos-coronavirus-policy.pdf>

OBJECTIVES: *After successful completion of the class students should be able to:*

- describe the scientific method and apply it in a geological context; and
- explain the plate tectonic theory and explain its relationship to earth processes, features, and landforms; and
- describe Earth's major earth processes (systems) and explain how they interact; and
- identify common rocks and minerals and interpret how they form; and
- describe and interpret the development of landforms and geologic structures; and
- explain how earth processes create hazards to life and property; and
- construct and interpret geologic and topographic maps, and topographic profiles; and
- incorporate spatial thinking skills to study Earth system phenomena.

ASSIGNMENTS, QUIZZES & EXAMS:

- **15 Quizzes:** An online quiz will be posted for each chapter. Quizzes are open book and consist of multiple choice, true/false or Map/diagram interpretation/matching questions. These will be averaged together and will count as one test score. **ALL QUIZ & EXAM WORK MUST BE YOUR OWN!**
- **5 Exams:** Online Exams will be primarily 50 multiple choice; true/false; and map/diagram interpretation questions; & short answer essay questions. Exams delivery is online via D2L.

CLASS POLICY:

Science courses are demanding. Students must be disciplined and able to study independently. It is usually the disciplined student who obtains an A, while students who do not take notes, leave readings, questions and assignments to the last minute will struggle greatly. Please see the course "Checklist" on D2L to guide your studies. It is the responsibility of the student to arrange for the makeup exam and to provide documentation.

ATTENDANCE & MAKE-UP EXAMS:

Class attendance is NOT mandatory, but it is HIGHLY ENCOURAGED. Grades are directly indicative of participation. This means grades in the class will be directly correlated to your attendance or watching the course on video. If grades are reflective of poor participation, then this policy may be rescinded. Make-up exams will be given for **EXCUSED absences only**. Please let me know ahead of time to arrange a make-up exam! An UN-EXCUSED absence exam will contain an essay component (75) percent of the exam.

GRADING & PERCENTAGES:

A	=	94 - 100	C	=	73 - 76
A-	=	90 - 93	C-	=	70 - 72
B+	=	87 - 89	D+	=	67 - 69
B	=	83 - 86	D	=	61 - 66
B-	=	80 - 82	F	=	60 OR BELOW
C+	=	77 - 79			

COURSE RUBRIC

Lecture Tests	(5)	500pts
Quizzes	(15)	45pts
Attendance	(3)	6pts
TOTAL	=	551pts

No sad stories, please. You know when things are due, and you have all semester to work on them. Should you choose not to do so, well you are adults, but you will also have to live with the consequences of your choices. Failure to plan responsibly on your part does not constitute an emergency for me. You will hear the preceding statement in the real world every day, so it is time to get accustomed to it now.

PREREQUISITES:

There are no university prerequisites for this class, but I will expect you to have a **BASIC** knowledge of science.

TENTATIVE COURSE OUTLINE:

UNIT ONE

- ◆ Chapter 1 Understanding Science
- ◆ Chapter 2 Plate Tectonics
- ◆ Chapter 3 Minerals
- ◆ **EXAM #1 by 11:59 PM, Tuesday, September 14**

UNIT TWO

- Chapter 4 Igneous Process and Volcanoes
- Chapter 5 Weathering, Erosion, and Sedimentary Rocks
- Chapter 6 Metamorphic Rocks
- **EXAM #2 by 11:59 PM, Tuesday, October 12**

UNIT THREE

- Chapter 7 Geologic Time
- Chapter 8 Earth History
- Chapter 9 Crustal Deformation & Earthquakes
- **EXAM #3 by 11:59 PM, Tuesday, November 2**

UNIT FOUR

- Chapter 10 Mass Wasting
- Chapter 11 Water
- Chapter 12 Coastlines
- **EXAM #4 by 11:59 PM, Tuesday, November 23**

UNIT FIVE

- Chapter 13 Deserts
- Chapter 14 Glaciers
- Chapter 15 Climate Change
- **EXAM #5 by 11:59 PM, Tuesday, December 7**

TO DO WELL IN THIS CLASS, YOU WILL NEED TO DO THE FOLLOWING THINGS:

- (1) Although we will follow the outline of the textbook, some of the material covered in class will not be from the book so you will have to search for that material. If you can't find something "Google it." If that doesn't help, ask me and I will be glad to help. Make sure you read the announcements on the "class news" of D2L before you email me. **TAKE NOTES** and USE the POWERPOINTS.
- (2) Read the book as assigned. You will find the chapters listed above that we will be covering in this class. **Read each chapter completely.** There is a great deal of background information in the book, which will greatly help you to understand the Earth's systems and complete the online quizzes. Occasionally more background information may be needed so google for it.

COURSE DOCUMENTS:

Most materials for the course may be found under the "*Contents*" page of D2L. Videos & Power Point Slides for each chapter will be available on the "Content" page of D2L. Students seem to appreciate these slides as visual aids. Please check this site frequently for important announcements. READ the **Class News** often as that is how I will communicate with you much of the time (RTFCN! Read the Freaking Class News!).

ONLINE INSTRUCTIONS:

- ◆ Access D2L at <https://elearn.etsu.edu/>
- ◆ Type in Username and Password on the log in page (ZNAME and Student ID, unless changed).
- ◆ You should now be looking at your D2L "home page". In the "**My ETSU Courses**" box.
- ◆ Double-click on: [GEOS-1040 GEOS: Earth/Society Lec](#)
- ◆ Now you have navigated to this courses **main page**; you may now read the announcements or choose from the available options on the "**Navigation Bar**" just below the ETSU Banner (see below).

ONLINE STREAMING & ATTENDANCE:

GEOS 1040-990 is a live video streaming section; therefore, students may log in to the live class using a computer at the same time GEOS-1040 section 501 is scheduled (MW 12:35 PM), or streaming students may watch the recorded archives when it is convenient for them to do so. To view your video streaming class live on the Internet you must be registered in the streaming section and be available to view the class "at the normal class time" just as if you were attending a traditional class. To access the **recorded archives**, they may be found on the course home page (right hand widget).

Course Home Content Communication Evaluation Course Tools A to Z Zoom Edit Course

GEOS-1040 GEOSCIENCE: Earth & Society Lecture

News Hello!

GEOL 1040 GEOSCIENCE: Earth & Society

Calendar Sunday, January 10, 2021 Upcoming events (2)

UNIT #1 Recorded Archives

ONLINE CLASSES (Recorded Lectures)

GEOS-1040-943- Intro
 GEOS-1040-943-Ch1 pt1
 GEOS-1040-943-Ch1 pt2
 GEOS-1040-943-Ch2 pt1
 GEOS-1040-903-Ch2 pt2

GEOL 1040 Geoscience: Earth & Society
 "Ours is an interconnected world of travel and trade, tourism and television, a global village—but the village still has neighborhoods. Their names are Europe, South America, Southeast Asia..." (Harm de Blij, geographer)

ACADEMIC DISHONESTY:

The work that you hand in must be your own. Online quizzes and exams are open book, but they must be of your own work. **If you copy work from another person, or another person helps you answer questions, and this is discovered, it will result in a report of academic dishonesty being filed with the university. Remember D2L is much like "Big Brother" and collect all kinds of data.**

AMERICANS WITH DISABILITES ACT:

It is the policy of ETSU to accommodate students with disabilities, pursuant to federal law, state law and the University's commitment to equal educational access. Any student with a disability who needs accommodations, for example arrangement for examinations or seating placement, should inform the instructor at the beginning of the course. Faculty accommodation forms are provided to students through Disability Services in the D.P. Culp center, telephone 439-8346 or use the following link <http://www.etsu.edu/students/disable/forms/accomodationrequest.aspx>.

IMPORTANT DATES:

- ◆ Aug. 23 First day of classes
- ◆ Aug. 29 Last day to register or add classes via GoldLink without a departmental permit
- ◆ Sept. 05 Census
- ◆ Sept. 05 Last day to drop a course without a 'W' grade (by 4:30 pm Eastern Time)
- ◆ **Sept. 06 Labor Day Holiday (University Closed)**
- ◆ Sept. 07-14 Attendance Reporting
- ◆ Sept. 07 Begin late add with dean's permission only
- ◆ Oct. 04-11 ESPR grades due
- ◆ **Oct. 11-12 Fall Break (No classes)**
- ◆ Oct. 18 Last day to drop a course with a 'W' grade without dean's permission

- ◆ Nov. 01 Spring Registration begins
- ◆ **Nov. 11 Veterans Day (University Closed)**
- ◆ **Nov. 24-26 Thanksgiving Holiday (University Closed)**
- ◆ Dec. 01 Last day to withdraw from the university
- ◆ Dec. 03 Last day of classes
- ◆ Dec. 04-09 Final exams

THINGS TO REMEMBER:

- ◆ The instructor reserves the right to refuse late work.
- ◆ The instructor reserves the right to rearrange the schedule at any time (D2L or Email notification).
- ◆ I do not give extra credit assignments, please do not ask.
- ◆ Please do not ask that I consider changing your final grade as I will not respond to such a request.

CHEATING, COPYING, OR PLAGIARISM OF ANY KIND WILL NOT BE TOLERATED. THIS MEANS do your own Labs and TAKE "YOUR OWN QUIZZES AND EXAMS." Hint, D2L is like big brother; and, IF YOU ARE CAUGHT, I WILL BE FORCED TO FILE A REPORT OF ACADEMIC DISHONESTY TO THE UNIVERISITY BECAUSE OF NEW POLICY CHANGES!

YOUR FIRST ASSIGNMENT: (you will be graded on #2-4) **Due by 11:59PM, September 6**

1. **Read the Syllabus - (This document thoroughly)**
2. Take the Syllabus Quiz. This quiz is located on the "Evaluation" > "Assessments" page of D2L.
Note: Labs will use the Plagiarism Quiz on the lab page https://lib.usm.edu/plagiarism_tutorial/
3. Next, **upload a picture on your D2L profile**. These images help me better know you but others in the class appreciate them, too. Please upload an image to your profile. See the file on the announcements page if you need some help uploading an image (**Note: if you have a "cutesy" dog picture up there now, could you please change that to your image for a few weeks, please**).
4. Lastly, fill out the GEOS-1040 Personal Data Sheet located on the 1040 Home page - "Class News" or on the "Contents" page for the class; it should show up right below the syllabus. Fill this out so I know who you are and where I can come hunt for you if need be – just kidding. I actually use this for my attendance reporting to the higher-ups on campus who require this information each semester. **Don't do any of these exercises and you may have to traverse endless hallways with a sheet of paper looking for multiple signatures as you will be marked as "not attending!"** Also, it will actually help me know who you are and will get us both familiar with the "dropbox" on D2L as most submissions will be made using the "Dropbox" which is located on one of the upper buttons near the top of the main page of D2L. The Dropbox tool allows students to submit assignments online by uploading their files to designated folders; that way, I can then view submitted assignments, sort them, grade them and leave feedback directly from the Dropbox. To send the document to D2L, you will first have to download it (it's a Word file); fill it out and save that document in this format to your hard drive to help keep it from getting lost or mistaken. If you could do this with each exercise that would help me immensely.

Name	Class	Assignment	Semester
Your Name	GEOS-1040	Personal Data Sheet	Fall 2021

