

Geography 1301 Section 1: Physical Geography

MWF 9:05-10:00am

Classroom: CAS 104

Spring 2024

Professor: Jeff Isom

Office: TBD

Office hours: MWF 8-9am or 10-11am

Or by appointment

E-mail: jisom@uttyler.edu

Communications: I encourage you to come see me during office hours directly before/after class. This is a good opportunity for you to look over your exams, ask questions, or seek clarification. If you can not attend my office hours you may set-up an alternative time to meet. I will try to respond promptly to your emails. **In your email, include your first and last name and that you are enrolled in Geography 1301 – Physical Geography**

Required texts:

Petersen, Sack, & Gabler. Physical Geography. 12th ed. 2022. Publisher: Cengage

ISBN: 9780357142448. Or eBook

Recommended Reading(s) and Multi-media: Instructor handouts and URL links available on Canvas, other assignments TBD

Catalogue description: This course introduces students to the processes that drive Earth's physical systems. Students will explore the relationships among these physical systems, with emphasis on weather and climate, water, ecosystems, geologic processes and landform development, and human interactions with the physical environment.

Course objective: The primary objective is for you to describe how the physical geography of a region can be unique yet also share many qualities with other regions. Although you will learn the locations of key places and landforms in order to become globally aware citizens, *this course's objective is not to promote or reward memorization but to instill a deeper understanding of our Environmental Systems*. The objective is to provide a geographical context for natural events, to make spatial connections, and to understand the importance of geographical contexts in our everyday lives. By the end of this course you should be able to read and synthesize maps as well as comprehend the natural hazards and changes of the Earth system that occur daily.

Course format:

1. Lecture – Much of the in-class information in this course will be delivered in the form of lecture. Because of this, it is strongly recommended that the students attend all classes and be attentive. Due to the amount of material that will be covered this semester it is suggested that the students take notes from the lecture. However, lecture shouldn't be a one-way street. Discussion is strongly encouraged!
2. Reading – The textbook (outlined in schedule), as well as outside readings to be announced in class, provides a supplement and framework for the lecture material. Students are responsible for reading the corresponding material prior to the lectures, so the students are prepared for class.
3. Class Discussion – Class discussion, ranging from informal talks to organized discussion days, will be an important part of the class. It is vital that the students participate with class discussions in order to receive the maximum benefit from the course.
4. Instructional Aids – Varied instructional aids, including audio-visual, supplementary documents and readings, and Internet assignments will be used to furnish additional information for class.

Evaluation/Grading Policy:

- Grading scale: A 90-100% B 80-89.99% C 70-79.99%
 D 60-69.99% F 0-59.99%

Incomplete grades will only be given under special conditions upon consultation with the instructor prior to final exams. If an incomplete grade is given, the remaining coursework must be completed within a specified period of time, usually six weeks from the end of the semester. If the work is not completed within the given time the student will receive a failing grade for the course.

Tests/Exams: 65% of Grade: Exams – 6 Exams during semester & 1 Final Exam. The information of the exams are drawn primarily from the lecture material, but can include any information from the textbook, supplemental readings, or instructional aids. At the end of the semester the lowest exam grade (not including the comprehensive Final Exam) will be dropped. Because of this, no make-up exams will be given.

Assignments/Grades: 35% of Grade: Attendance, Review Questions, Map & Video assignments, and Natural Hazards Topic papers

Read each chapter, define Terms for Review (TR) at end of each chapter in textbook and answer Questions for Review (QR) in Canvas, as defined in schedule. Review appropriate chapters, completed Terms for Review, and Questions for Review to prepare for each exam. Attendance is expected and recorded.

Other Course Requirements: Each student is responsible for Color map markers/pencils for class to use on weather maps, and a SCANTRON (100E/882E) and # 2 PENCIL for exams.

Student Responsibilities/Expectations: Attendance is expected and will constitute a percentage of student's overall course grade. Students are expected to attend all classes. Regular class attendance is necessary for maximum success in college. Please be on time and be prepared. You will be less prepared for quizzes and exams if you miss a lecture. Each student is responsible for obtaining class notes from those students who attended a lecture you missed.

Class Etiquette: I expect everyone in the classroom to be **respectful** of each other and treat everyone with dignity – we may have discussions about cultures from around the world that will be different from your own. I expect comments to be positive and objective and not judgmental and rude.

Cell Phones/Laptops: Turn off your ringer and **do not use your cell phone during class** – this includes text messaging. If you are expecting an important call, please put your phone on vibrate and sit close to the door. This action will help minimize any disturbance to the class. Laptops are allowed for notetaking, but I reserve the right to ask you to shut your computer down (or to change my class policy) if you are using your computer for uses other than note-taking and disrupting those around you. **Any video, photographic or audio recordings of the class must be approved by instructor.**

UT Tyler Honor Code: Every member of the UT Tyler community joins together to embrace: Honor and integrity that will not allow me to lie, cheat, or steal, nor to accept the actions of those who do.

Students Rights and Responsibilities: To know and understand the policies that affect your rights and responsibilities as a student at UT Tyler, please follow this link: <http://www.uttyler.edu/wellness/rightsresponsibilities.php>

Campus Carry: We respect the right and privacy of students 21 and over who are duly licensed to carry concealed weapons in this class. License holders are expected to behave responsibly and keep a handgun secure and concealed. More information is available at <http://www.uttyler.edu/about/campus-carry/index.php>

UT Tyler a Tobacco-Free University: All forms of tobacco will not be permitted on the UT Tyler main campus, branch campuses, and any property owned by UT Tyler. This applies to all members of the University community, including students, faculty, staff, University affiliates, contractors, and visitors. Forms of tobacco not permitted include cigarettes, cigars, pipes, water pipes (hookah), bidis, kreteks, electronic cigarettes, smokeless tobacco, snuff, chewing tobacco, and all other tobacco products. There are several cessation programs available to students looking to quit smoking, including counseling, quit-lines, and group support. For more information on cessation programs please visit www.uttyler.edu/tobacco-free.

Grade Replacement/Forgiveness and Census Date Policies: Students repeating a course for grade forgiveness (grade replacement) must file a Grade Replacement Contract with the Enrollment Services Center (ADM 230) on or before the Census Date of the semester in which the course will be repeated. Grade Replacement Contracts are available in the Enrollment Services Center or at <http://www.uttyler.edu/registrar>. Each semester's Census Date can be found on the Contract itself, on the Academic Calendar, or in the information pamphlets published each semester by the Office of the Registrar. Failure to file a Grade Replacement Contract will result in both the original and repeated grade being used to calculate your overall grade point average. Undergraduates are eligible to exercise grade replacement for only three course repeats during their career at UT Tyler; graduates are eligible for two grade replacements. Full policy details are printed on each Grade Replacement Contract. The Census Date is the deadline for many forms and enrollment actions of which students need to be aware. These include: Submitting Grade Replacement Contracts, Transient Forms, requests to withhold directory information, approvals for taking courses as Audit, Pass/Fail or Credit/No Credit. Receiving 100% refunds for partial withdrawals. (There is no refund for these after the Census Date) Schedule adjustments (section changes, adding a new class, dropping without a "W" grade)
Being reinstated or re-enrolled in classes after being dropped for non-payment
Completing the process for tuition exemptions or waivers through Financial Aid

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- Submitting Grade Replacement Contracts, Transient Forms, requests to withhold directory information, approvals for taking courses as Audit, Pass/Fail or Credit/No Credit.
- Receiving 100% refunds for partial withdrawals. (There is no refund for these after the Census Date)
- Schedule adjustments (section changes, adding a new class, dropping without a "W" grade)
- Being reinstated or reenrolled in classes after being dropped for nonpayment
- Completing the process for tuition exemptions or waivers through Financial Aid

State-Mandated Course Drop Policy: Texas law prohibits a student who began college for the first time in Fall 2007 or thereafter from dropping more than six courses during their entire undergraduate career. This includes courses dropped at another 2-year or 4-year Texas public college or university. For purposes of this rule, a dropped course is any course that is dropped after the census date (See Academic Calendar for the specific date). Exceptions to the 6-drop rule may be found in the catalog. Petitions for exemptions must be submitted to the Enrollment Services Center and must be accompanied by documentation of the extenuating circumstance. Please contact the Enrollment Services Center if you have any questions.

Disability/Accessibility Services: In accordance with Section 504 of the Rehabilitation Act, Americans with Disabilities Act (ADA) and the ADA Amendments Act (ADAAA) the University of Texas at Tyler offers accommodations to students with learning, physical and/or psychological disabilities. If you have a disability, including a non-visible diagnosis such as a learning disorder, chronic illness, TBI, PTSD, ADHD, or you have a history of modifications or

accommodations in a previous educational environment, you are encouraged to visit <https://hood.accessiblelearning.com/UTTyler> and fill out the New Student application. The Student Accessibility and Resources (SAR) office will contact you when your application has been submitted and an appointment with Cynthia Lowery, Assistant Director of Student Services/ADA Coordinator. For more information, including filling out an application for services, please visit the SAR webpage at <http://www.uttyler.edu/disabilityservices>, the SAR office located in the University Center, # 3150 or call 903.566.7079.

Student Absence due to Religious Observance: Students who anticipate being absent from class due to a religious observance are requested to inform the instructor of such absences by the second class meeting of the semester.

Student Absence for University-Sponsored Events and Activities: If you intend to be absent for a university-sponsored event or activity, you (or the event sponsor) must notify the instructor at least two weeks prior to the date of the planned absence. At that time the instructor will set a date and time when make-up assignments will be completed.

Social Security and FERPA Statement: It is the policy of The University of Texas at Tyler to protect the confidential nature of social security numbers. The University has changed its computer programming so that all students have an identification number. The electronic transmission of grades (e.g., via e-mail) risks violation of the Family Educational Rights and Privacy Act; grades will not be transmitted electronically.

Emergency Exits and Evacuation: Everyone is required to exit the building when a fire alarm goes off. Follow your instructor's directions regarding the appropriate exit. If you require assistance during an evacuation, inform your instructor in the first week of class. Do not re-enter the building unless given permission by University Police, Fire department, or Fire Prevention Services.

Student Standards of Academic Conduct: Disciplinary proceedings may be initiated against any student who engages in scholastic dishonesty, including, but not limited to, cheating, plagiarism, collusion, the submission for credit of any work or materials that are attributable in whole or in part to another person, taking an examination for another person, any act designed to give unfair advantage to a student or the attempt to commit such acts. i. "Cheating" includes, but is not limited to: copying from another student's test paper; using, during a test, materials not authorized by the person giving the test; failure to comply with instructions given by the person administering the test; possession during a test of materials which are not authorized by the person giving the test, such as class notes or specifically designed "crib notes". The presence of textbooks constitutes a violation if they have been specifically prohibited by the person administering the test; using, buying, stealing, transporting, or soliciting in whole or part the contents of an unadministered test, test key, homework solution, or computer program; collaborating with or seeking aid from another student during a test or other assignment without authority; discussing the contents of an examination with another student who will take the examination; divulging the contents of an examination, for the purpose of preserving questions for use by another, when the instructors has designated that the examination is not to be removed from the examination room or not to be returned or to be kept by the student; substituting for another person, or permitting another person to substitute for oneself to take a course, a test, or any course-related assignment; paying or offering money or other valuable thing to, or coercing another person to obtain an unadministered test, test key, homework solution, or computer program or information about an unadministered test, test key, home solution or computer program; falsifying research data, laboratory reports, and/or other academic work offered for credit; taking, keeping, misplacing, or damaging the property of The University of Texas at Tyler, or of another, if the student knows or reasonably should know that an unfair academic advantage would be gained by such conduct; and misrepresenting facts, including providing false grades or resumes, for the purpose of obtaining an academic or financial benefit or injuring another student academically or financially. ii. "Plagiarism" includes, but is not limited to, the appropriation, buying, receiving as a gift, or obtaining by any means another's work and the submission of it as one's own academic work offered for credit. iii. "Collusion" includes, but is not limited to, the unauthorized collaboration with another person in preparing academic assignments offered for credit or collaboration with another person to commit a violation of any section of the rules on scholastic dishonesty. iv. All written work that is submitted will be subject to review by plagiarism software.

Important Covid-19 Information for Classrooms and Laboratories

In addition, we must include the following COVID related language. I think you will like the fact that the Code of Ethics has been linked to the COVID responses giving us some flexibility with the governor's language.

It is important to take the necessary precautions to ensure a healthy and successful year. UT Tyler continues to urge you to protect yourselves against the flu, COVID and any new threats that may be developing. Be diligent about preventive measures such as washing hands, covering sneezes/coughs, social distancing and vaccinations, which have proven to be successful in slowing the spread of viruses. Encourage those who don't feel well to stay home, and if they show symptoms, ask them to get tested for the flu or COVID. Self-isolation is important to reduce exposure ([CDC quarantine/isolation guidelines](#)). Please work with your faculty members to maintain coursework and please consult [existing campus resources](#) for support.

Recording of Class Sessions

Class sessions may be recorded by the instructor for use by students enrolled in this course. Recordings that contain personally identifiable information or other information subject to FERPA shall not be shared with individuals not enrolled in this course unless appropriate consent is obtained from all relevant students. Class recordings are reserved only for the use of students enrolled in the course and only for educational purposes. Course recordings should not be shared outside of the course in any form without express permission.

UT Tyler Resources for Students:

UT Tyler Writing Center (903.565.5995), writingcenter@uttyler.edu

UT Tyler Tutoring Center (903.565.5964), tutoring@uttyler.edu

The Mathematics Learning Center, RBN 4021, this is the open access computer lab for math students, with tutors on duty to assist students who are enrolled in early-career courses. UT Tyler Counseling Center (903.566.7254)

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.

GEOG 1301.001 – Physical Geography		Assignment
MWF 9:05 -10:00am CAS 104		
Spring 2024		
17 Jan	Orientation. Introduction to Physical Geography. Ch 1 Earth Systems	
19 Jan	Ch 1 Earth Systems	Read Ch; TR, QR
22 Jan	Ch 2 Mapping	Read Ch; TR, QR
24 Jan	Ch 2 Mapping/Remote Sensing	Read Ch; TR, QR
25 Jan	Ch 1-2 Review Questions DUE by Noon	
26 Jan	Exam 1: In-class	
29 Jan	Ch 3 Solar Energy and Earth-Sun Relationship	Read Ch; TR, QR
31 Jan	Ch 4 Atmosphere and Temperature	Read Ch; TR, QR
2 Feb	Ch 5 Pressure and Winds	Read Ch; TR, QR
5 Feb	Ch 5 Winds and Circulation	Read Ch; TR, QR
7 Feb	Ch 6 Humidity and Condensation	Read Ch; TR, QR
9 Feb	Ch 6 Precipitation	Read Ch; TR, QR
12 Feb	Ch 7 Air Masses	Read Ch; TR, QR
14 Feb	Ch 7 Weather Systems	Read Ch; TR, QR
16 Feb	Ch 7 Weather Analysis/ Prognosis	Read Ch; TR, QR
19 Feb	Ch 7 Weather Analysis/ Prognosis	Read Ch; TR, QR
20 Feb	Ch 3-7 Review Questions DUE by Noon	
21 Feb	Exam 2: In-class; Topic Paper 1 DUE	
23 Feb	Ch 8 Climate Classification. Watch Videos on Canvas	Read Ch; TR, QR
26 Feb	Climate Change	
28 Feb	Ch 9 Tropical, Arid, and Temperate Climates	Read Ch; TR, QR
1 Mar	Ch 10 Continental, Polar, and Highland Climates	Read Ch; TR, QR
4 Mar	Ch 11 Biogeography	Read Ch; TR, QR
6 Mar	Ch 12 Pedology	Read Ch; TR, QR
7 Mar	Ch 8-12 Review Questions DUE by Noon	
8 Mar	Exam 3: In-class; Topic Paper 2 DUE	

*****	<u>Midterm Grades entered on 9 March based on assignments/Exams/Topic Paper</u>	
	<u>Grade is Calculated as Student's Course Average to date, with NO drops</u>	
11-15 March	***** SPRING BREAK *****	
18 Mar	Ch 13 Earth Materials	Read Ch; TR, QR
20 Mar	Ch 13 Plate Tectonics	Read Ch; TR, QR
22 Mar	Ch 14 Volcanic Processes and Landforms	Read Ch; TR, QR
25 Mar	Ch 14 Tectonic Processes and Landforms <u>(LAST DAY TO "WITHDRAW" without Penalty)</u>	Read Ch; TR, QR
27 Mar	Ch 15 Weathering	Read Ch; TR, QR
29 Mar	Ch 15 Mass Wasting	Read Ch; TR, QR
31 Mar	<i>Ch 13-15 Review Questions DUE Noon</i>	
1 Apr	<u>Exam 4: In-class; Topic Paper 3 DUE</u>	
3 Apr	Ch 16 Subsurface Water & Karst Landscapes	Read Ch; TR, QR
5 Apr	Ch 17 Fluvial Processes	Read Ch; TR, QR
8 Apr	Ch 17 Fluvial Landforms	Read Ch; TR, QR
12 Apr	Ch 18 Arid Regions Processes	Read Ch; TR, QR
15 Apr	Ch 18 Eolian Landforms	Read Ch; TR, QR
16 Apr	<i>Ch 16-18 Review Questions DUE by Noon</i>	
17 Apr	<u>Exam 5: In-class; Topic Paper 4 DUE</u>	
19 Apr	Ch 19 Glacial Systems	Read Ch; TR, QR
22 Apr	Ch 19 Glacial Landforms	Read Ch; TR, QR
24 Apr	Ch 20 Coastal Processes & Landforms	Read Ch; TR, QR
25 Apr	<i>Ch 19-20 Review Questions DUE by Noon</i>	
26 Apr	<u>Exam 6: In-class; Topic Paper 5 DUE;</u>	
1 May	<u>FINAL EXAM DUE</u>	

- TR = Terms for Review at end of each textbook chapter – VOCABULARY AT END OF CHAPTER – KNOW AND REVIEW TERMS
- QR = Questions for Review on CANVAS – ANSWER QUESTIONS AND SUBMIT VIA CANVAS FOR GRADE
- Ch = Chapter of textbook – READ TEXTBOOK