GEOL 1303 Physical Geology Lecture (3 credits)
FALL 2020
Section 010 MWF 11:00-11:50am
ROOM: VIN 139

Instructor: Mrs. Jessica A. Garza, M.S.
Email: jgarza85@angelo.edu
Office hours: Virtual Office Hours MTW 3:30pm to 5:00 pm and by apt only.

REQUIRED MATERIALS:
- A face mask or face covering is required in class at all times.
- ASU email account that you check regularly
- Blackboard course site
- Scanning App for submitting work (See Blackboard course-“Gradescope Instructions”).

STUDENT LEARNING OBJECTIVES: Learning outcomes will be evaluated on exams, lab projects, and an IDEA course evaluation
1) Describe and draw the layers of the Earth, including the chemically and physically different layers.
2) Describe the theory of plate tectonics including identifying plate boundaries, describing plate motions at boundaries, and identifying landforms/features associated with each boundary.
3) Identify rocks and minerals and describe their formation processes.
4) Identify and describe various volcanic hazards.
5) Identify and describe various earthquake hazards.
6) Describe how mountains are formed including how stress causes deformation and what kinds of deformation result.
7) Place geologic events in order using the geologic principles and correlate layers on a regional scale.
8) Evaluate good and bad aspects of energy resources.
9) Describe how climate changes and what affect humans have on climate change.

CORE CURRICULUM STUDENT LEARNING OUTCOMES: The following list of core curriculum student learning outcomes will be met and measured during this course.

<table>
<thead>
<tr>
<th>Student Learning Outcome</th>
<th>Assessment Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Gather, analyze, evaluate, and synthesize information relevant to a question or issue.</td>
<td>In-class Quiz</td>
</tr>
<tr>
<td>2. Develop, interpret, and express ideas through effective visual communication.</td>
<td>Exam</td>
</tr>
<tr>
<td>3. Manipulate and analyze numerical data and arrive at an informed conclusion</td>
<td>In-class Assignment</td>
</tr>
<tr>
<td>4. Manipulate and analyze observable facts and arrive at an informed conclusion</td>
<td>Assignment</td>
</tr>
<tr>
<td>5. Work effectively with others to support and accomplish a shared goal.</td>
<td>In-class Assignment</td>
</tr>
</tbody>
</table>

ATTENDANCE POLICY
Please refer to this Health and Safety web page for updated information about campus guidelines as they relate to the COVID-19 pandemic.

Statement for Synchronous Remote Sessions
To maintain academic quality while accommodating social distancing needs this semester, this course will use a split delivery model that combines face-to-face teaching with remote instruction.

The goal is to provide face-to-face instruction to students who want to return to campus, while also allowing students who may need to learn remotely to participate via virtual class sessions.
How Does It Work?
Your class will be divided and you will be placed into a smaller group of students to maintain physical distancing requirements in our assigned classroom space.

Your assigned group will receive a schedule of in-person class meetings. This schedule is not flexible. For instance, if you are supposed to attend class on a Monday, you cannot elect to go on Wednesday with another class group instead.

When you are not in the physical class, you will be expected to participate online by completing the assigned work posted on Blackboard. Of the assigned work given, at least one of the assigned items need to be completed on that day for attendance purposes.

All students are required to attend synchronous Friday lectures at our designated classtime via Blackboard Collaborate.

Attendance and possible quizzes will be completed within the first 5 mins of all lecture meetings. You are expected to attend all scheduled class meetings. Missed lecture activity points CANNOT be made up. Please inform me well ahead of time if you will need to be absent for any reason including religious holidays. NOTE: You are NOT automatically dropped if you stop attending class.

How will class attendance work?
• You are required to have completed the health screening prior to attending lecture. If you are flagged as potentially having COVID you will not be allowed to attend class in-person.
• You will be required to wear face masks and maintain a 6 ft distance from others in class at all times.
• You will be required to sanitize your work station.
• NOTE: You are NOT automatically dropped if you stop attending class. So, if you want to drop the class you must do it through Ramport.

What if I’m sick?
• If you are sick (with anything, not just COVID), you are required to stay home. Rest, relax, drink plenty of fluids.
• I WILL require a note from a doctor stating that you were ill when you are able to return to lab. You can get this from your regular doctor or from the ASU Health Clinic.
• Please email me to let me know if you aren’t feeling well so that we can make arrangements.

What if I have a pre-existing condition or simply don’t feel safe attending in-person classes?
• You may elect to complete this class entirely online.
• You do NOT have to give me any reason for wanting to attend online. Simply, tell me you plan to attend online only.
• There will not be ANY penalties for choosing to attend entirely online. I respect your choice in this matter and will do my utmost to make sure you have as close to the same experience as any other classmate as I can.
• You may also elect at ANY time to change to an online only format. No questions asked. Simply notify me by email so that I know why you disappeared from class.

CLASSROOM SETTING:
• All persons must complete wellness self-screening prior to entering the classroom
• Face coverings are required for students in the classroom
• Faculty may opt to remove their face covering while lecturing, provided they remain at least 6 ft away from all students
• Surfaces (tables and chairs) will be wiped down by students prior to use
• The classroom seating arrangement should allow 6 ft separation between persons
• Seating charts must be used for contact tracing purposes
• Attendance must be taken each class meeting for contact tracing purposes
CELL PHONES AND OTHER ELECTRONIC DEVICES: You may use a laptop or tablet to take notes during class. Please do not disturb others with their use. The use of any electronic device not authorized by the instructor during a test may result in the forfeiture of your grade for that test. All electronic devices should be turned off and stored out of sight during tests.

GRADING

<table>
<thead>
<tr>
<th>Platform &amp; Description</th>
<th>Category</th>
<th>% grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>In-class Quizzes &amp; Exercises</td>
<td>In-class Activity</td>
<td>5</td>
</tr>
<tr>
<td>Blackboard Assignment(s)</td>
<td>Online Assignment</td>
<td>30</td>
</tr>
<tr>
<td>Blackboard Smartwork Assignments</td>
<td>Smartwork Assignment</td>
<td>25</td>
</tr>
<tr>
<td>Blackboard Midterm Exam</td>
<td>Midterm Exam</td>
<td>20</td>
</tr>
<tr>
<td>Blackboard Final Exam</td>
<td>Final Exam</td>
<td>20</td>
</tr>
</tbody>
</table>

GRADING SYSTEM

<table>
<thead>
<tr>
<th>Percentage range</th>
<th>Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>100-90%</td>
<td>A</td>
</tr>
<tr>
<td>89-90%</td>
<td>B</td>
</tr>
<tr>
<td>79-70%</td>
<td>C</td>
</tr>
<tr>
<td>69-60%</td>
<td>D</td>
</tr>
<tr>
<td>59-0%</td>
<td>F</td>
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Make-up exams will be given for tests ONLY under extenuating circumstances. Prior email notification is needed for a make-up exam. There will be NO makeups for in-class exercises or Smartwork homework assignments given.

SMARTWORK ASSIGNMENTS

To complete the Smartwork assignments you will need to register with Smartwork using the registration code you got when you purchased the book. If you didn’t get a code when you purchased the book you can purchase one during the registration process. Use the following instructions to create an account with Smartwork:

To enroll in SmartWork you will need a valid ASU email address and a Registration Code from W. W. Norton. Registration codes are bundled with new books at your instructor’s request. If you do not have a registration code, you may purchase one when signing up.

Register For Smartwork
1. Click on the link for any Smartwork Assignment from the Smartwork Assignments Link in the menu in Blackboard.
2. Select “No, I need to register, purchase, or sign up for trial access.” Click the green button to continue.
3. Fill out all fields and enter either the registration code that came with your book or select the “I want to purchase access” option. NOTE: Use your ASU email as the email address for you Smartwork account. Don’t forget to record your account information for future reference!

Access your Smartwork Assignments and through the links in the appropriate area on Blackboard.
For each homework assignment you will complete a list of questions. You can submit answers to the questions up to 4 times, however, each additional submission after the first will cost you a 5% deduction on your grade. So don’t just go guess until you get it right, it will cost you.

CLASS PREPARATION ASU EMAIL: Since class announcements will be routinely distributed via email and Blackboard, you will need to regularly check your ASU email account and our course Blackboard site (daily). All course correspondence will be through your ASU email account and Blackboard. Please see the email policy in Bb for more details. ASU provides Internet and email services to you at any of the computer labs on campus. Call 942-2911 to set this up if necessary.

LECTURE: A typical class meeting will combine lectures, discussions, group activities, multimedia presentations, and other demonstrations and activities to give you an opportunity to learn concepts in as active a manner as possible.
KNOLWEDGE SURVEYS: Knowledge surveys are intended to give you a means of self-assessing your own learning and to serve as a guide for studying. The entire Knowledge Survey for this course is available in pdf format on Blackboard all the time. Knowledge survey items that will be tested on individual exams will be posted on a Blackboard quiz (there are NO POINTS for these) at least a week prior to the Exam. Taking the Knowledge Survey quiz will help you categorize the items you need to study based on your confidence in your knowledge of the item. The results of your Knowledge Survey quiz will be shown after clicking "OK" after taking the quiz. If you should need your results again for any reason simply email me (jgarza85@angelo.edu).

GENERAL POLICIES RELATED TO THIS COURSE
All students are required to follow the policies and procedures presented in these documents:
Angelo State University Student Handbook
Angelo State University Catalog

ACADEMIC INTEGRITY
Students are expected to maintain complete honesty and integrity in all work. Any student found guilty of any form of dishonesty in academic work is subject of disciplinary action and possible expulsion from ASU. The College of Science and Engineering adheres to the university's Statement of Academic Integrity.

COUNSELLING SERVICES
Our mental health is just as important as our physical health, particularly now that we are being socially distant. Humans are social creatures who need contact with other people to stay mentally healthy. During this time, it is more important than ever to seek help if you need it. You can always call or email me if you need to talk about something, but I also strongly encourage you to reach out to the ASU Counseling Services, who are available for help anytime you need it. You can find them in the University Health Clinic building or by calling 325-942-2371 Monday through Friday from 9am-3pm. Need help outside those hours? For emergencies call 911 or the ASU Crisis Helpline at 325-486-6345. You can also call the ASU Crisis Helpline for non-emergency issues as well.

ACCOMMODATIONS FOR STUDENTS WITH DISABILITIES
ASU is committed to the principle that no qualified individual with a disability shall, on the basis of disability, be excluded from participation in or be denied the benefits of the services, programs or activities of the university, or be subjected to discrimination by the university, as provided by the Americans with Disabilities Act of 1990 (ADA), the Americans with Disabilities Act Amendments of 2008 (ADAAA) and subsequent legislation. Student Disability Services is located in the Office of Student Affairs, and is the designated campus department charged with the responsibility of reviewing and authorizing requests for reasonable accommodations based on a disability. It is the student’s responsibility to initiate such a request by contacting an employee of the Office of Student Affairs, in the Houston Harte University Center, Room 112, or contacting the department via email at ADA@angelo.edu. For more information about the application process and requirements, visit the Student Disability Services website. The employee charged with the responsibility of reviewing and authorizing accommodation requests is:

Dallas Swafford
Director of Student Disability Services
Office of Student Affairs
325-942-2047
dallas.swafford@angelo.edu
Houston Harte University Center, Room 112

INCOMPLETE GRADE POLICY
It is policy that incomplete grades be reserved for student illness or personal misfortune. Please contact faculty if you have serious illness or a personal misfortune that would keep you from completing course work. Documentation may be required. See ASU Operating Policy 10.11 Grading Procedures for more information.
PLAGIARIASM
Plagiarism is a serious topic covered in ASU’s Academic Integrity policy in the Student Handbook. Plagiarism is the action or practice of taking someone else’s work, idea, etc., and passing it off as one’s own. Plagiarism is literary theft.

In your discussions and/or your papers, it is unacceptable to copy word-for-word without quotation marks and the source of the quotation. It is expected that you will summarize or paraphrase ideas giving appropriate credit to the source both in the body of your paper and the reference list.

Papers are subject to be evaluated for originality. Resources to help you understand this policy better are available at the ASU Writing Center.

STUDENT ABSENCE FOR OBSERVANCE OF RELIGIOUS HOLY DAYS
A student who intends to observe a religious holy day should make that intention known in writing to the instructor prior to the absence. See ASU Operating Policy 10.19 Student Absence for Observance of Religious Holy Day for more information.

TITLE IX AT ANGELO STATE UNIVERSITY
The University prohibits discrimination based on sex, which includes pregnancy, sexual orientation, gender identity, and other types of Sexual Misconduct. Sexual Misconduct is a broad term encompassing all forms of gender-based harassment or discrimination including: sexual assault, sex-based discrimination, sexual exploitation, sexual harassment, public indecency, interpersonal violence (domestic violence and/or dating violence), and stalking. As a faculty member, I am a Responsible Employee meaning that I am obligated by law and ASU policy to report any allegations I am notified of to the Office of Title IX Compliance.

Students are encouraged to report any incidents of sexual misconduct directly to ASU’s Office of Title IX Compliance and the Director of Title IX Compliance/Title IX Coordinator at:

Michelle Boone, J.D.
Director of Title IX Compliance/Title IX Coordinator
Mayer Administration Building, Room 210
325-942-2022
michelle.boone@angelo.edu

You may also file a report online 24/7 at www.angelo.edu/incident-form.

If you are wishing to speak to someone about an incident in confidence you may contact the University Health Clinic and Counseling Center at 325-942-2173 or the ASU Crisis Helpline at 325-486-6345.
For more information about Title IX in general you may visit www.angelo.edu/title-ix.

REQUIRED USE OF MASKS/FACIAL COVERINGS BY STUDENTS
As a member of the Texas Tech University System, Angelo State University has adopted the mandatory Facial Covering Policy to ensure a safe and healthy classroom experience. Current research on the COVID-19 virus suggests there is a significant reduction in the potential for transmission of the virus from person to person by wearing a mask/facial covering that covers the nose and mouth areas. Therefore, in compliance with the university policy students in this class are required to wear a mask/facial covering before, during, and after class. Faculty members may also ask you to display your daily screening badge as a prerequisite to enter the classroom. You are also asked to maintain safe distancing practices to the best of your ability. For the safety of everyone, any student not appropriately wearing a mask/facial covering will be asked to leave the classroom immediately. The student will be responsible to make up any missed class content or work. Continued non-compliance with the Texas Tech University System Policy may result in disciplinary action through the Office of Student Conduct.

MODIFICATIONS TO THE SYLLABUS
This syllabus, including grade evaluation and course schedule, is subject to modification. In particular, the COVID-19 pandemic may require significant changes in course delivery and content on potentially short notice.
The faculty member reserves the option to make changes as necessary to this syllabus and the course content. If changes become necessary during this course, the faculty will notify students of such changes by email, course announcements and/or via a discussion board announcement. It is the student’s responsibility to look for such communications about the course on a daily basis.

**COURSE EVALUATION:** Students are provided the opportunity and are strongly encouraged to participate in a course evaluation at the end of the semester.

**GEOLOGIC EXHIBITION ORGANIZATION (GEO):**
GEO, the student organization of all interested in geology (not just majors/minors), meets almost every Wednesday @ 6:00PM. GEO is a student chapter of the American Association of petroleum Geologists (www.aapg.org). Sigma Gamma Epsilon, the national honor society of the earth sciences is related to GEO.

**YOU CAN MAJOR OR MINOR IN GEOLOGY @ ASU!** See the BS in Geoscience requirements at https://www.angelo.edu/physics/geoscience_degree.php. A Geology Minor requires 18 hours of geology courses. Good and rewarding careers exist for geologists, geophysicists, hydrogeologists, secondary science teachers, and petroleum engineers. Talk to your professor and read http://www.angelo.edu/dept/physics/Geosciences/geoscience_careers.php.

**SCHEDULE:** All information is subject to change. Please refer to our class schedule and course outline on Blackboard.

**FINAL NOTE:**
It is my goal to make this class both interesting and informative for you. With a reasonable amount of effort, it should be possible for everyone to meet the course objectives and earn a passing grade. With additional effort, aptitude, and investment of time, students may earn even higher course grades. If at any time you run into difficulties with the material, or need assistance or clarification, please do not hesitate to ask for help. I am here for you, and I will be glad to entertain any reasonable requests.

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**Manual References:**

1. http://blackboard.angelo.edu
2. https://www.angelo.edu/content/profiles/2519-health-clinic/Templates/profiles-office-directory
4. https://www.angelo.edu/catalogs/
6. https://www.angelo.edu/services/counseling/
7. https://www.angelo.edu/map/?Counseling%20Services
8. https://www.angelo.edu/services/counseling/crisishepliine.php
10. https://www.angelo.edu/content/files/14197-op-1011-grading-procedures
13. https://www.angelo.edu/content/files/14206-op-1019-student-absence-for-observance-of