Instructor: Dr. Elizabeth C. Koeman-Shields
Email: ekoemanshields@angelo.edu
Office Phone: 325-486-6767
Cell Phone: 616-446-6145
Office: Vincent 124

Virtual Office Hours (in Collaborate): Monday, Wednesday, Friday 10:00 am-11:00 am, Tuesday and Thursday 11:00 am-12:00pm, and by appointment
Outside (in between Vincent and Nursing Building) or Hallway Office Hours: Monday and Wednesday 2:00 pm-3:00 pm, and by appointment.

Course Information

Course Description and Learning Outcomes
This course is designed to familiarize the student with the processes, principles, and theories involved in Physical Geology. Learning outcomes will be evaluated by lab assignments, quizzes, and exams. At the end of this course, the student will be able to:
1. Identify and interpret the formation of rocks and minerals.
2. Analyze and interpret the orientation of geologic layers beneath the surface of the Earth through the creation of geologic block diagrams and cross sections.

Course Delivery
We will be meeting in class at every meeting (unless otherwise noted). We meet Thursdays from 3p-5p. You are required to have completed the health screening prior to attending lab. If you are flagged as potentially having COVID you will not be allowed to attend lab in-person and will be given material to finish the lab online if needed.

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, and binge watch your favorite show (if you feel up to it).
• 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 for labs or lab practicals that you may miss in your absence.

**What if I have a pre-existing condition or simply do not feel safe attending in-person classes?**

• You may elect to complete this lab 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.
• You will be required to complete an alternative set of labs, pre-lab reading quizzes, and lab practicals from the safety of your home.
• 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 lab and can put you into a different group to complete the online labs (and so I don’t worry).

**Life happens clause**

Life happens to all of us. Despite our best efforts, some days nothing seems to go right. Your car breaks down on the way to school, you run out of the house without something and have to go back despite the fact that you were already running late, your boss calls you into work, or your child is sick and you have to go pick them up from daycare/school. Or, you get so overwhelmed that everything seems too much to deal with.

If this happens to you, please email me. We will figure out what to do to keep you on track in the course. Whether that means extra tutoring sessions, deadline extensions, or something else. Please don’t suffer in silence. I want to help out, you just need to let me know what is going on.

**Required Texts and Materials**

• A face mask or face covering is required in lab at all times.

**Technology Requirements**

You will be required to turn in assignments on Gradescope using a scanner (or equivalent cell phone app).
Communication

I will respond to email and/or telephone messages within 24 hours during working hours Monday through Friday. Weekend messages may not be returned until Monday.

Written communication via email: All private communication will be done exclusively through your ASU email address. Check frequently for announcements and policy changes. In your emails to faculty, include the course name and section number in your subject line.

Virtual communication: Office hours and/or advising may be done with the assistance of the telephone, Collaborate, Skype, etc.

Grading

Evaluation and Grades

Course grades will be determined as indicated in the table below.

<table>
<thead>
<tr>
<th>Assessment</th>
<th>Percent of Total Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lab Assignments (8)</td>
<td>80</td>
</tr>
<tr>
<td>Pre-lab Reading Quizzes (6; 1 dropped)</td>
<td>10</td>
</tr>
<tr>
<td>Lab Practicals (2)</td>
<td>10</td>
</tr>
<tr>
<td>Total</td>
<td>100%</td>
</tr>
</tbody>
</table>

Make-up lab practicals will be given ONLY under extenuating circumstances. Prior email notification is needed for a make-up lab practical. To make-up a lab you will need to either attend a different session during the week you missed or speak to your professor for alternate arrangements. You may NOT make-up the field trip. There will be NO makeup pre-lab quizzes given, that is what the 1 dropped is for.

Grading System

Course grades will be dependent upon completing course requirements and meeting the student learning outcomes.

The following grading scale is in use for this course:

- A = 90.00-100 %
- B = 80.00-89.99 %
- C = 70.00-79.99 %
- D = 60.00-69.99 %
- F = 0-59.99 %
Assignment and Activity Descriptions
To complete the homework assignments, you will need to register with Smartwork. Follow the instructions posted in Blackboard. Late work will not be accepted.

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.

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
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.

Plagiarism
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.\textsuperscript{10}

**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]\textsuperscript{11} 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.

**Food and Drink Policy**

No food or drinks (other than water or close-lid drinks) are allowed in the classroom.

**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.
# Course Schedule

Note: Subject to change. All due date/times are in central time zone.

<table>
<thead>
<tr>
<th>Lab Date</th>
<th>Pre-lab Quiz due date</th>
<th>Pre-lab reading</th>
<th>Lab Exercise</th>
</tr>
</thead>
<tbody>
<tr>
<td>#1: 8/20</td>
<td>None</td>
<td>pg. 1-7</td>
<td>1: Topographic maps and aerial photos</td>
</tr>
<tr>
<td>#2: 8/27</td>
<td>Aug. 26 @11:59pm</td>
<td>pg. 18-30</td>
<td>2: Rock-forming minerals</td>
</tr>
<tr>
<td>#3: 9/3</td>
<td>Sept. 2 @11:59pm</td>
<td>pg. 35-37</td>
<td>3: Igneous Rocks</td>
</tr>
<tr>
<td>#4: 9/10</td>
<td>None</td>
<td></td>
<td>No labs this week!!!</td>
</tr>
<tr>
<td>#5: 9/17</td>
<td>Sept. 16 @11:59pm</td>
<td>pg. 42-48</td>
<td>4: Sedimentary Rocks</td>
</tr>
<tr>
<td>#6: 9/24</td>
<td>Sept. 23 @11:59pm</td>
<td>pg. 54-57</td>
<td>5: Metamorphic Rocks</td>
</tr>
<tr>
<td>#7: 10/1</td>
<td>None</td>
<td></td>
<td>Lab Practical 1: Minerals and Rocks (Labs 2-5)</td>
</tr>
<tr>
<td>#8: 10/8</td>
<td>None</td>
<td></td>
<td>Optional (Extra Credit) - San Angelo State Park Field Trip LABS DO NOT MEET THIS WEEK!</td>
</tr>
<tr>
<td>#9: 10/15</td>
<td>None</td>
<td>pg. 62-63</td>
<td>7: Block diagrams of folded and faulted rocks</td>
</tr>
<tr>
<td>#10: 10/22</td>
<td>Oct. 21 @11:59pm</td>
<td>pg. 68-73</td>
<td>8: Constructing a geologic cross section</td>
</tr>
<tr>
<td>#11: 10/29</td>
<td>Oct. 28 @11:59pm</td>
<td>pg. 90-92</td>
<td>8: Constructing a geologic cross section (continued)</td>
</tr>
<tr>
<td>#12: 11/5</td>
<td>None</td>
<td></td>
<td>Review for Lab Practical 2</td>
</tr>
<tr>
<td>#13: 11/12</td>
<td>None</td>
<td></td>
<td>Lab Practical 2: Topographic and geologic maps (Labs 1 and 6-8)</td>
</tr>
<tr>
<td>#14: 11/19</td>
<td>None</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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1. [https://www.angelo.edu/content/profiles/2519-health-clinic/Templates/profiles-office-directory](https://www.angelo.edu/content/profiles/2519-health-clinic/Templates/profiles-office-directory)
2. [https://www.angelo.edu/student-handbook/](https://www.angelo.edu/student-handbook/)
3. [https://www.angelo.edu/catalogs/](https://www.angelo.edu/catalogs/)
5. [https://www.angelo.edu/services/disability-services/](https://www.angelo.edu/services/disability-services/)
6. [https://www.angelo.edu/content/files/14197-op-1011-grading-procedures](https://www.angelo.edu/content/files/14197-op-1011-grading-procedures)
8. [https://www.angelo.edu/dept/writing_center/academic_honesty.php](https://www.angelo.edu/dept/writing_center/academic_honesty.php)
9. [https://www.angelo.edu/content/files/14206-op-1019-student-absence-for-observance-of](https://www.angelo.edu/content/files/14206-op-1019-student-absence-for-observance-of)
10. [https://www.angelo.edu/services/title-ix/](https://www.angelo.edu/services/title-ix/)