

ELECTRONICS POLICY

- ★ Texting, checking email, playing games, surfing the internet, working on another class during lectures is not acceptable.
- ★ Smart phones, cell phones, i-pods, laptops, earbuds (etc.) are to be turned OFF during lectures.
- ★ If taking notes on an electronic device is your preferred method, please discuss this with the instructor.
- ★ If electronics are to be used for recording audio or for taking images of material written on the board, please discuss this with the instructor. DO NOT post any class recordings on any social media/web site.
- ★ If you need access to your electronics during lectures (e.g., caregiver, emergency responder), for purposes other than note taking, audio recording, or obtaining images of material written on the board, discuss this with the instructor.
- ★ Points will be deducted from exams for violation of the electronic policy during lectures.
- ★ Electronics may be used during lab and for purposes of lab.
- ★ Multitasking is not a good idea.
- ★ If electronics are accessed during an exam, then the exam will receive a grade of zero.
- ★ If an electronic device makes an audible noise during an exam, then the exam will receive a grade of zero.
- ★ Use of any AI on any assignment will result in a grade of zero on the assignment.

FIELD TRIP(S)

One to two, day-long field trip(s) and field exercise(s) are required.

DISABILITIES ACCOMMODATION ADA (Americans with Disabilities Act)

Sul Ross State University (SRSU) is committed to equal access in compliance with the Americans with Disabilities Act of 1973. It is SRSU policy to provide reasonable accommodations to students with documented disabilities. It is the student's responsibility to initiate a request each semester for each class for accessibility services. Students seeking accessibility/accommodation services must contact Mrs. Mary Schwartze Grisham, LPC, SRSU's Accessibility Services Director at 432-837-8203 (leave a message and they will get back to you as soon as possible during working hours), or email mschwartz@sulross.edu. The office is located on the first floor of Ferguson Hall, room 112. The mailing address is P.O. Box C-122, Sul Ross State University, Alpine, Texas, 79832.

You will be provided with an accommodation letter which must be given to the instructor as early as possible in the semester.

GRADING AND ASSIGNMENTS

The semester grade distribution:

- 52% from lecture exams; 4 exams during the semester; last exam occurs during finals week
- 35% from laboratory (grading details on the lab syllabus)
- 8% from field exercises/presentations
- 5% other assignments and classroom department

Grading Scale

100-90.00%	A	
89.99-80.00%	B	
79.99-70.00%	C	
69.99-60.00%	D	(D and lower does not count for Geology major credit)
<59.99%	F	

Any curving, or dropping of grades, will be done after the last exam (scheduled during finals week).

Exams – 1 through 3 may contain some through-going material and therefore are slightly comprehensive. The last lecture exam is comprehensive (1/3 of the questions will cover previous material). The exams assess content knowledge of sedimentary petrology, and application of critical reasoning and problem-solving skills, through questions such as multiple choice, diagrams, matching, discussion, etc.

Lab – Exercises will be hands-on application of content knowledge covered in lectures. Critical reasoning and problem-solving skills will also be applied.

Field exercises – Hands-on application of content knowledge and methodologies to a real world project.

Presentations – Short summaries of sedimentary rock types or sedimentary formations.

Other – homework questions based on readings from the text; homework over application of material covered in the text; quizzes; daily participation/ attendance. Homework questions may appear in some format on exams.

Reading skills, problem-solving skills, critical reasoning, and hands-on work with samples are emphasized in all aspects of the course.

SCHEDULE IS TENTATIVE AND SUBJECT TO CHANGE

MONDAY		WEDNESDAY		FRIDAY	
Aug 28	Intro Particle Parameters [C 2]	Aug 30	Particle Parameters [C 2]	Sept 1	Particle Parameters [C 2]
Sept 4	Labor Day Holiday - No Class	Sept 6	Particle Parameters [C 2] Sed Structures [C 2]	Sept 8	Sed Structures [C 2] Cong/Breccias [C 2]
Sept 11	Cong/Breccias [C 2]	Sept 13	Cong/Breccias [C 2] Sandstones [C 2]	Sept 15	Sandstones [C 2]
Sept 18	Sandstones [C 2]	Sept 20	Sandstones [C 2] EXAM # 1 (in lab)	Sept 22	Sandstones [C 2]
Sept 25	Sandstones [C 2] Mudrocks [C 3]	Sept 27	Mudrocks [C 3]	Sept 29	Mudrocks [C 3]
Oct 2	EXAM # 2	Oct 4	Carbonates [C 4]	Oct 6	Carbonates [C 4]
Oct 9	Carbonates [C 4]	Oct 11	Carbonates [C 4]	Oct 13	Carbonates [C 4]
Oct 16	Carbonates [C 4]	Oct 18	Carbonates [C 4]	Oct 20	Carbonates [C 4]
Oct 23	Carbonates [C 4]	Oct 25	Carbonates [C 4]	Oct 27	Carbonates [C 4]
Oct 30	Carbonates [C 4]	Nov 1	Carbonates [C 4]	Nov 3	Carbonates [C 4]
Nov 6	EXAM # 3	Nov 8	Cherts [C 9]	Nov 10	Cherts [C 9]
Nov 13	Cherts [C 9] Evaporites [C 5]	Nov 15	Evaporites [C 5]	Nov 17	Evaporites [C 5]
Nov 20	Evaporites [C 5] Coal/Petroleum [C 8]	Nov 22	Thanksgiving Holiday No Class	Nov 24	Thanksgiving Holiday No Class
Nov 27	Coal/Petroleum [C 8]	Nov 29	Coal/Petroleum [C 8]	Dec 1	Sed Iron Deposits [C 6] Phosphates [C 7]
Dec 4	Sed Iron Deposits [C 6] Phosphates [C 7]	Dec 6	Sed Iron Deposits [C 6] Phosphates [C 7]		
	TUES Dec 12 EXAM # 4 8 am to 10 am				

GEOLOGY UNDERGRADUATE PROGRAM (BS) STUDENT LEARNING OUTCOMES (SLO's):

1. The student will be able to apply a diverse body of Geologic information in the area of Earth history.
2. The student will be able to apply a diverse body of Geologic information in the area of mineralogy and petrology.
3. The student will be able to apply a diverse body of Geologic information in the area of structural geology and tectonics.
4. The student will be able to apply a diverse body of Geologic information in the area of stratigraphy.
5. The student will be able to apply a diverse body of Geologic information in the area of field techniques.

EXPECTED COURSE LEARNING OBJECTIVES:

At the end of the semester, the successful student will be able to apply critical reasoning and problem-solving skills to:

- ★ Identify, describe, and apply the basic classification schemes for identification of the sedimentary rock types (clastics, carbonates, cherts, evaporites, coals, phosphates, and iron deposits), in hand sample and thin section. (SLO 2)
- ★ Interpret and explain mechanisms and modes of transportation, deposition, and environment from examination of sediment and sedimentary rocks, in hand sample and thin section. (SLO 2)
- ★ Use basic geologic lab equipment (handlens, stereomicroscope and petrographic microscope) correctly and safely for the examination, description, and interpretation of sediment and sedimentary rocks. (SLO 2)
- ★ Integrate different lithologies into a facies model and use the mode, and stratigraphic relationships, to interpret the depositional history of a region. (SLO 1 and SLO 2 and SLO 4)
- ★ Summarize and synthesize all aspects of sedimentary petrology in a class capstone field exercise that requires analysis of a sedimentary rock outcrop through the design and creation of a descriptive measured section. (SLO 2 and SLO 5)

GEOLOGY UNDERGRADUATE (BACHELOR OF SCIENCE) STUDENT MARKETABLE SKILLS:

- ★ The student will be able to conduct fieldwork.
- ★ The student will be able to use field equipment.
- ★ The student will be able to use lab equipment.
- ★ The student will be able to use library resources.
- ★ The student will be able to communicate in written and oral format.

LIBRARY

The Bryan Wildenthal Memorial Library offers FREE resources and services to the entire community. The library's website, library.sulross.edu, has information on how to borrow or electronically access books, articles, and more. Off-campus access requires logging in with your LoboID and password. Librarians are a tremendous resource for coursework and can be reached by email (srsulibrary@sulross.edu) or phone (432-837-8123).

ACADEMIC INTEGRITY

Students are expected to demonstrate scholarly behavior and academic honesty in the use of intellectual property. Students should submit work that is their own. A scholar is expected to be punctual, prepared, and focused; meaningful and pertinent participation contributes to learning.

Examples of academic dishonesty include, but are not limited to:

- ⊗ Turning in work as original that was used in whole or in part for another course and/or professor;
- ⊗ Turning in another's person's work as one's own;
- ⊗ Copying from professional works or internet sites without citation;
- ⊗ Collaborating on a course assignment, exam, or quiz when collaboration is forbidden;
- ⊗ Using AI for an assignment.

Violations of academic integrity can result in failing an assignment, failing the class, and/or more serious university consequences. These behaviors also erode the value of college degrees and higher education overall.

CLASSROOM CLIMATE OF RESPECT

This class fosters free expression, critical investigation, and open discussion of ideas. Everyone in the class must help create and sustain an atmosphere of tolerance, civility, and respect for the viewpoints of others. Similarly, all people in the class must learn how to probe, oppose, and disagree without resorting to tactics of intimidation, harassment, or personal attack. No one is entitled to harass, belittle, or discriminate against another on the basis of race, religion, ethnicity, age, gender, national origin, or sexual preference. Discourse will not be silenced by the difficulty of fruitfully discussing politically sensitive issues.

DIVERSITY STATEMENT

This course is a learning environment for students that supports diversity of thoughts, perspectives and experiences, and honors identities (including race, gender, class, sexuality, religion, ability, socioeconomic class, age, nationality, etc.). Conditions necessary for students to succeed, could be impacted by pandemics, economics, health concerns, or unexpected life events. The student will be given assistance to meet the course's learning objectives. This demonstrates commitment to the student and Sul Ross State University's mission to create an inclusive environment and the whole student. Experiences outside of class may impact class performance and resources are available to the student for dealing with them.