



General Geology: Fall 2026

Course Title: General Geology

Instructor Email:

Course Number: EAPS 10001 and EAPS 10002

Office Hours:

Instructor Name:

Office Location:

Course Description:

Survey of physical geology and introduction to historical geology. Elements of crystallography, mineralogy, petrology, geomorphology, seismology, structural geology, paleontology, historical geology, and plate tectonics.

Laboratory studies to accompany the lecture portion. Study of crystals, minerals, rocks, fossils, and earth structures from hand specimens and models. Interpretation of landforms and earth history from topographic and geologic maps.

Course Prerequisites:

No prior prerequisites are required for EAPS 10001 or EAPS 10002

Student Learning Objectives:

1. Explain how scientific explanations are formulated, tested, and modified or validated.
2. Distinguish between scientific and non-scientific evidence and explanations.
3. Apply foundational knowledge and discipline-specific concepts to address issues or solve problems.
4. Apply basic observational, quantitative, or technological methods to gather data and generate evidence-based conclusions.
5. Use current models and theories to describe, explain, or predict natural phenomena.
6. Locate reliable sources of scientific evidence to construct arguments related to real-world issues.
7. Interpret information that has been presented in mathematical form (e.g., with functions, equations, graphs, diagrams, tables, words, geometric figures).

Learning Resources & Texts

- **Required Textbook:** Physical Geology, 17th ed. by Charles C. Plummer, Diane Carlson, and Lisa Hammersley
- **Additional Readings:** As Required

Grading Scale:

All assignments must be completed in a CLEAR and LEGIBLE manner by each individual student. Students are free to discuss the homework assignments with their peers and Miss McKenzie, but final products must be clearly each student's own work.

Late work is not acceptable. All assignments that are turned in LATE will automatically be docked 20% of possible point value. Assignments more than one week late will not be accepted without prior authorization from Miss McKenzie. Exceptions: No Reading Questions, Quizzes, or Exams will be accepted late.

Types of Assignments for Lecture Portion:

1. *Reading Questions*: Each week has one or more chapters of assigned reading. Reading assignments must be completed by 8am the day they are due. No late reading assignments are accepted. Reading questions for each chapter are assigned from the textbook and can be accessed on schoology.
2. *Formative Assignments*: With each chapter there will be 2-3 assignments to complete that will cover the topics discussed.
3. *Annotated Bibliography*: Each student will research and submit an annotated bibliography on two research projects. More details to follow.
4. *Group Presentation Project*: Groups of 2-3 students will choose a research topic from a list provided by Miss McKenzie. The project will culminate in a 3 - 5 minute group presentation near the end of the year. More details to follow.
5. *Quizzes*: There will be a quiz after every chapter in class. Quizzes cannot be taken late. If you do not take a quiz you will receive a 0.
6. *Exams*: There will be 4 exams. All exams are closed book and notes. No late exams are accepted without prior approval from Miss McKenzie. If you do not take an exam you will receive a 0.

Types of Assignments for Lab Portion:

1. *Pre-Lab Assignments*: Reading questions for each lab must be completed prior to the lab.
2. *Labs*: Labs are to be completed during designated lab periods. Labs finished after lab time ends are considered late.
3. *Quizzes*: There will be unannounced quizzes on material from previous labs. Quizzes cannot be taken late. If you do not take a quiz you will receive a 0.
4. *Exams*: There are two exams that cover the lab material. All exams are closed book and notes.

Course Evaluation:

An online form will be shared with you from PFW that will allow you to provide feedback about the course.

Academic Misconduct / Plagiarism / AI:

Academic Misconduct, including plagiarism (using other people's ideas/words and not giving them credit thus implying the work is your own original work) or using your own work from a previous course without the express permission of the instructor, is taken very seriously at any learning

institution. It is taken very seriously in this class. Please be aware of what behaviors constitute academic misconduct ([See Bulletin, Code of Students Rights, Responsibilities and Conduct Part II. A.](#)) If caught cheating or plagiarizing, a student may receive no credit on the assignment and may result in an F for the course. Any instances of academic dishonesty will be reported to the Office of Student Conduct and Care and your Department Chair and may result in expulsion from the University. Additional potential consequences can be found under: potential consequences (See Bulletin, [Code of Students Rights, Responsibilities and Conduct, Part III. A.](#): i.e., failure of the assignment, failure of the course and/or dismissal from the university) of such behavior.

Student Support Services

Purdue University Fort Wayne is committed to your academic and personal success. Visit the [Student Support Services](#) page for a list of student support services, including academic services, technology services, health and wellness, and support from administrative offices. For help with technology, including Brightspace, visit the [IT Services Student Technology Support](#) page.

If you observe and/or are made aware of student behavior that leaves you feeling concerned, worried, and/or alarmed, trust your instincts and say something. The CARE Team can assist with the student of concern, whether that's you or someone you are referring. Report the concern through the online CARE referral form. Please note that this form is not for emergencies. If you know of a student who is injured, is injuring themselves or others, or is threatening injuries to themselves or others, please call 911 immediately.

Your emotional wellness and mental health are important. If you have a mental health disorder, are struggling with your mental health, your stress overwhelms your ability to cope with it, or you find yourself needing emotional support, please talk to someone. If you or someone you know is in a mental health crisis situation, call 911 or go to the local emergency room. Otherwise, please reach out to our Center for Student Counseling (CSC). All currently enrolled PFW and IUFW students have access to free counseling at the center. To make an appointment to talk with a counselor call 260-481-6200 or email csc@pfw.edu.