

Course Information:

| | | |
|------------------------------------|----------------|--------------------------------|
| CRN: 00000 | 2 Credit Hours | 12-day course (29 May -9 June) |
| Meeting Time: Daily (see schedule) | | Room: N/A |

Instructors:

| | | |
|---------------|--|--|
| Name | Dr. Chris Gellasch | Dr. Hannah Blatchford |
| Office: | 140U Strong Hall | 140K Strong Hall |
| Phone: | 734.487.8523 | 734.487.8592 |
| Email: | chris.gellasch@emich.edu | hblatchf@emich.edu |
| Office Hours: | by appointment | by appointment |

Course Description

Field-based experience to locations of geological interest.

Course Learning Objectives:

At the end of this course, students should be able to:

1. Conduct themselves safely and professionally in a field setting.
2. Take complete field notes and maintain an organized field notebook.
3. Relate geology of a given area to geologic history and process of formation.

Required Materials

- **Geological Field Notebook:** standard 4 ¾" by 7 ½" field notebook, preferably with grid lines on one side of page and graph paper on the other. Waterproof paper optional.
- **Canvas course website.** Course materials and information will be posted there.

Grading:

The final grade is based on the following assessment activities (*No extra credit points will be given*):

- Participation 20%
- Field notebook evaluation 60%
- Exercises 20%

Use this table to determine your grade:

| | | | | | |
|--------------------|----------------------|---------------------|--------------------|---------------------|---------------------|
| A: ≥ 93% | A-: 90 – 92 % | B+: 87 – 89% | B: 83 – 86% | B-: 80 – 82% | C+: 77 - 79% |
| C: 73 – 76% | C-: 70 – 72% | D+: 67 – 69% | D: 63 – 66% | D-: 60 – 62% | F: < 60% |

Attendance

This course takes place in the field over a 10-day period in the Western U.S. We will be travelling by van and in many cases staying at different locations each evening. Students are required to participate in each day's activities.

Course Schedule (subject to change)

| Date | Locations | Activities | Hotel |
|--------|------------------------------------|---|-------------------|
| TBD | 215 Mark Jefferson | Organizational Meeting | N/A |
| May 29 | EMU (depart at 8am) | Drive by van from EMU to Topeka, KS | Topeka, KS |
| May 30 | Topeka, KS to Florence, CO | Geology of Kansas | OSU Field Station |
| May 31 | Cripple Creek and Florissant, CO | Golf Mine tour and fossil insects | OSU Field Station |
| June 1 | Colorado Springs, CO | Garden of the Gods and Pikes Peak | OSU Field Station |
| June 2 | Spanish Peaks and GSDNP | Volcanic and aeolian processes | Alamosa, CO |
| June 3 | Canon City, CO | Royal Gorge, and Skyline Drive | OSU Field Station |
| June 4 | Canon City, CO | Temple Canyon, Royal Gorge Rafting, Dino Museum | Denver area |
| June 5 | Denver, Golden, and Estes Park, CO | Red Rocks, Dino Ridge, GSA field trip stops in Golden | Estes Park, CO |
| June 6 | Estes Park, CO | RMNP and surrounding area | Estes Park, CO |
| June 7 | Estes Park, CO | RMNP and surrounding area | Loveland, CO |
| June 8 | Loveland, CO to Des Moines, IA | Drive from Loveland, CO to Des Moines, IA | Des Moines, IA |
| June 9 | EMU (return at 9pm) | Drive from Des Moines, IA to EMU | N/A |

Note: Expect to work outside every day and be prepared for inclement weather. Weather in the mountains can be much cooler and can change rapidly. Sturdy field shoes or hiking boots are required.

Assessment:

- **Participation:** It is important to stay engaged with the activities each day and at each location. Students will be evaluated based on their level of engagement and attitude.
- **Field Notebook evaluation:** Student notebooks will be evaluated periodically for organization, neatness, accuracy, and completeness. Notebook entries are required at each major stop to include sketches and geologic interpretations.
- **Exercises:** There will be several short exercises based on the field sites we visit during the trip. Each exercise will be completed while at the site of interest.

Class Conduct**Student Conduct Code**

You are expected to abide by EMU's **Student Conduct Code** and contribute creating an environment conducive to learning. Incivility and disruptive behavior will not be tolerated and may result in a request to leave class and a possible referral to the **Office of Student Judicial Services (SJS)** for discipline. Examples of inappropriate classroom conduct include grandstanding, sleeping in class, prolonged chattering, excessive lateness, overt inattentiveness, eating full meals, using cellular phones, unexcused exits from class, verbal/physical threats, repeatedly arriving late to class, or talking while others are speaking.

You may access the [Student Conduct Code](http://www.emich.edu/policies/policy.php?id=124) (<http://www.emich.edu/policies/policy.php?id=124>).

Academic Honesty

Honesty is expected from every student. Any form of cheating and/or plagiarism will not be tolerated. Penalties for an act of academic dishonesty may range from receiving a failing grade for a particular assignment to receiving a failing grade for the entire course. In addition, you may be referred to

the *Office of Student Judicial Services* for discipline that can result in either a suspension or permanent dismissal.

If you are unsure whether something you are doing would be considered disruptive or academic dishonesty, consult with your instructor before proceeding. The instructor has the right to ask you to leave the field experience should you not follow stated conduct policies.

In addition to the articulated course specific policies and expectations, students are responsible for understanding all applicable university guidelines, policies, and procedures. The EMU Student Handbook is the primary resource provided to students to ensure that they have access to all university policies, support resources, and student's rights and responsibilities. Changes may be made to the EMU Student Handbook, whenever necessary, and shall be effective immediately, or as of the date on which a policy is formally adopted, or the date specified in the amendment. Electing not to access the link provided below does not absolve a student of responsibility. For questions about any university policy, procedure, practice, or resources, please contact the Office of the Ombuds: 248 Student Center, 734.487.0074, emu_ombuds@emich.edu, or visit the website at www.emich.edu/ombuds.

University Course Policies: <http://www.emich.edu/studenthandbook/policies/academic.php#univ>
Student Handbook Link: <https://www.emich.edu/studenthandbook/index.php>

Directory of excellent resources available to EMU students: Your tuition dollars pay for more than just attending classes. There are so many resources on campus designed to help you succeed at Eastern; way more than what is listed below. Here are comprehensive directories of academic and non-academic resources available to you: <https://www.emich.edu/studenthandbook/campus-resources/index.php>

University Writing Center: The University Writing Center (UWC) offers writing support to all undergraduate and graduate students. In doing so, we value the diversity of our campus and honor all students and the languages they bring with them to the university. For more info and hours, see the UWC website: <https://www.emich.edu/ccw/uwc/undergraduates/index.php>

Holman Success Center: Provides Academic Support through a variety of virtual and in-person services. Website: <https://www.emich.edu/academic-support-programs/hsc/index.php>

Disabilities Resource Center: The DRC works collaboratively with students, faculty and staff to create an accessible, sustainable, and inclusive educational environment. Website: <https://www.emich.edu/drc/index.php>

University Library: Research support is available to all students, 24/7. This includes getting started with research, identifying sources to search, developing search strategies, evaluating resources, and more. See <https://www.emich.edu/library/help/ask.php> for all of the ways in which you can get help with research.

Title IX: Title IX of the Education Amendments of 1972 prohibits discrimination on the basis of sex under any education program or activity receiving federal financial aid. Sexual assault and sexual harassment are forms of sex discrimination prohibited by Title IX. Learn more here: <https://www.emich.edu/title-nine/index.php>

Student and Exchange Visitor Statement (SEVIS): The Student Exchange Visitor Information System (SEVIS) requires F and J students to report numerous items to the Office of International Students & Scholars (OISS): <https://www.emich.edu/studenthandbook/policies/sevis.php>