



NORTHEAST IOWA COMMUNITY COLLEGE

Northeast Iowa Community College provides in-demand education and training focused on improving lives, driving business success and advancing community vitality.

PHS 171 84001 Physical Geology Lab

Fall 2021

Delivery Method:

- Lab

Meet Days/Times/Location:

- T, 2:30 PM - 4:30 PM; NICC Dubuque Center; DC207

Start and End Dates:

- 8/24/2021 - 12/14/2021

Academic Department: Liberal Arts, Science and Business

Required Materials

Zumberge's Laboratory Manual for Physical Geology

ISBN: 978-0-07-809608-2

Authors: Robert H. Rutherford and James L. Carter

Publisher: Mc Graw Hill

Publication Date: 2014

Edition: 16th

Course Information

Course Description: A study of the Earth's physical processes and properties through laboratory exercises and field trips.

Major Course Objective:

To introduce the basic geologic principles and processes at work in the world around us, with emphasis on both the dramatic and subtle elements of the geological process and the often unrealized link between human activity and geological change.

Primary Common Learning Outcome Assessed: Lifelong Learning

Educational Learning Outcomes:

- Introduction to Geology and Geological Processes
- Geological Processes Shaping the Earth
- Geologic Time and Life
- Rocks, Minerals, and Crystals
- Erosion Processes

Pre-/Corequisite(s): PHS 170

Grading Procedures and Scale

| Grade | Grading Scale by Percent of Total Points <i>Ex. (94 - 100%)</i> | Grading Scale by Points <i>Ex. (940 - 1000+)</i> |
|-------|--|---|
| A | | 149-160 |
| A- | | 144-148 |
| B+ | | 141-143 |
| B | | 133-140 |
| B- | | 128-132 |
| C+ | | 125-127 |
| C | | 117-124 |
| C- | | 112-116 |

| | | |
|--------------|--|--------|
| (or P) | | |
| D+ | | |
| D | | 96-111 |
| D- | | |
| F (or NP) | | 0-95 |

| | # of Assignments | Points / Percentage |
|------------------------------|------------------|---------------------|
| Labs | 14 | 140 |
| Environmental paper | 1 | 20 |
| Test | 0 | 0 |
| Total Points possible | | 160 |

Course Calendar

The course calendar is a guide for activities and subject to change at faculty discretion.

Course Calendar

| Due Date | Assignment | Lesson | Point Value | Program Learning Outcome | Common Learning Outcome |
|----------|------------|---------------------------|-------------|-------------------------------------|-------------------------|
| Week 1 | Lab #1 | Intro to Topographic maps | 10 | Understanding the physical sciences | Critical thinking |
| Week 2 | Lab #2 | Minerals | 10 | | |
| Week 3 | Lab #3 | Igneous rocks | 10 | | |
| Week 4 | Lab #4 | Mt. St. Helens | 10 | | |
| Week 5 | Lab #5 | Sedimentary rocks | 10 | | |
| Week 6 | Lab #6 | Metamorphic rocks | 10 | | |
| Week 7 | Lab #7 | More on | 10 | | |

| | | | |
|---------|----------|---------------------|----|
| | | topographic maps | |
| Week 8 | Lab #8 | Environmental | 10 |
| | | Paper topic | |
| Week 9 | Lab #10 | Geologic time | 10 |
| Week 10 | Lab #11 | Running water | 10 |
| Week 11 | Lab #12 | Groundwater | 10 |
| | | activity | |
| Week 12 | Lab #13 | Glaciers | |
| Week 13 | Lab #14 | Climate change | 10 |
| | | and reaction | |
| Week 14 | Catch Up | | |
| Week 15 | Lab #15 | Internet Activity | 10 |
| Week 16 | Lab #9 | Environmental | 20 |
| | | paper | |

Student Course Feedback

Prior to course completion you will receive an email providing a link to share your feedback. You are EXPECTED to complete the feedback form for each class.

Assessment

Northeast Iowa Community College is an institution dedicated to continuous instructional improvement as part of our assessment efforts. It is necessary for us to collect and analyze course level data. Data drawn from student work for the purposes of institutional assessment will be posted in aggregate and will not identify individual students. Your continued support in our ongoing effort to provide quality instructional services at NICC is appreciated.

College Policies

Attendance/Academic Engagement

(See College Handbook for more details) Regular attendance is expected. A strong relationship exists between success in college and class attendance. Absence in class interferes with the learning process and may lead to academic failure. Students should confer with the instructor immediately following an absence. When there is advance knowledge of an absence, students should discuss this with the instructor prior to the absence.

If you find that you have any trouble keeping up with assignments or other aspects of the course, make sure you let your instructor know as early as possible. As you will find, building rapport and effective relationships are key to becoming an effective professional. Make sure that you are proactive in informing your instructor when difficulties arise during the semester so that we can help you find a solution.

Academic Integrity

Academic integrity is the commitment to and demonstration of honesty, ethics, and taking personal responsibility for your work in an academic setting. Academic integrity includes honesty, fairness, respect and responsibility. Academic integrity requires student's work to be the product of their own thought and effort, and to ensure that the intellectual contribution of others is properly documented. Academic integrity applies to all academic activities, including, but not limited to, classwork, labs, clinical field, practicum or co-op assignments. Examples of violations of academic integrity include, but are not limited to, plagiarism, cheating, lying, falsifying data, and aiding dishonesty. Violations of academic integrity are addressed according to the [Academic Integrity Policy](#), and sanctions may include, but not be limited to, warnings (either verbal or written), grade reduction for an assignment, project or test, or a failing grade for the course. Sanctions for violations of academic integrity for a course shall be determined by the faculty member for the course. Pursuant to the Student Conduct Code, egregious or repeated violations of the academic integrity policy may result in the suspension or expulsion from a class or from the College, as determined by the College.

Class Continuation during Campus or Center Closing

Instructional continuity is critical to the College mission and to your success in this class. As such, should a campus or center close due to weather or unforeseen circumstances, please check your Brightspace class for specific instructions and expectations from your instructor due to the campus closure.

Classes will not be canceled, and students will be expected to continue to engage in this class remotely until such a time as classes can return to normal.

For notification on campus closures, please refer to the following:

<https://www.nicc.edu/about/consumer-information/emergency-response-and-procedure/>

Campus Emergencies

In the event of a campus emergency, an alarm will sound or an appropriate announcement will be made. An emergency response guide, building evacuation routes and severe weather shelter areas are posted in each room. Safety drills are held on a regular basis. For more information, visit campus emergencies in the college catalog.

Course Section Policies

Absence/Illness/Late Work

Check with the instructor before completing any make-up work.

Missing Assignments

Missing assignments can be completed for reduced points. Check with the instructor before proceeding.

Use of Technology

Do not use cellphones during class.

Program Policies

Students will be required to work and submit one lab per week.

Note that I am holding optional Zoom meetings Wednesdays at 12 noon. After we discuss class material questions we will have time to address issues with lab material.

This is new to me that i had to put the entire lab online. Might be some growing pains.

Classroom Conduct

As a student in this course (and at this College) you are expected to maintain a high degree of professionalism, commitment to active learning and participation in this class; and also integrity in your behavior in and out of the classroom in which the rights, dignity, worth, and freedom of all members of the class are respected. Please refer to the [College Catalog](#) for detailed information on the [Student Conduct Code](#).

Additional Information

Learning Center

The NICC Learning Centers provide tutoring assistance free of charge to any student in person Monday through Friday or virtually online with our online tutoring service 24/7 with [Upswing](#). Students are encouraged to utilize the Learning Centers in Calmar, Peosta or Dubuque.

Access

Take advantage of the *ReadSpeaker Listen Button* to enhance understanding and comprehension of the materials in this and any syllabus within the content area. All of the materials posted in the content area of NICC Brightspace classrooms have a *Listen Button* to have the text highlighted and read for you. Listening to text read aloud is shown to improve reading comprehension.

www.nicc.edu/readspeaker

ReadSpeaker for Brightspace by D2L



Course Copyright

All course materials students receive or to which students have online access are protected by copyright laws. Students may use course materials and make copies for their own use as needed, but unauthorized distribution and/or uploading of materials without the instructor's express written permission is strictly prohibited. Students who engage in the unauthorized distribution of copyrighted materials may be held in violation of the College's Code of Conduct, and/or liable under Federal and State laws.

Netiquette

The term "Netiquette" refers to the etiquette guidelines for electronic communications, such as e-mail and bulletin board postings. Netiquette covers not only rules to maintain civility in discussions, but also special guidelines unique to the electronic nature of forum messages.

Accommodation Policy

In accordance with the Americans with Disability Act, NICC ensures the accessibility of its programs, classes, and services to students with disabilities. For any questions or to apply for disability services please contact the Accessibility Services Office to set up an appointment, or visit the Accessibility

Services website at: <https://www.nicc.edu/academic-support/disability-services/accommodations/> for additional information. Any student eligible for and needing academic accommodations because of a disability is requested to speak with their instructor.

Sally Mallam, M.S.

Director of Accessibility Services

844.642.2338 ext. 1258

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Statement of Non-Discrimination

It is the policy of Northeast Iowa Community College not to discriminate on the basis of race, color, national origin, sex, disability, age (employment), sexual orientation, gender identity, creed, religion, and actual or potential parental, family or marital status in its programs, activities, or employment practices as required by federal and state civil rights regulations. If you have questions, concerns or to read the full policy at: <https://www.nicc.edu/aboutnicc/nondiscriminationpolicy/>.

Title IX: Confidentiality and Responsible Employee Statement

Northeast Iowa Community College faculty are committed to helping create a safe and open learning environment for all students. If you (or someone you know) have experienced any form of sexual misconduct, including sexual assault, dating or domestic violence, or stalking, know that help and support are available. The College strongly encourages all members of the community to take action, seek support and report incidents of sexual misconduct to the Title IX Office. Please be aware that under Title IX of the Education Amendments of 1972, I am required to disclose information about such misconduct to the Title IX Office.

If you wish to speak to a confidential employee who does not have this reporting responsibility, you can contact one of NICC's Counselors (Calmar Campus 844.642.2338, ext. 1378 / Peosta Campus 844.642.2338, ext. 2215). For more information about reporting options and resources visit [Sexual Respect and Title IX](#).

Disclaimer

This syllabus, along with course assignments and due dates, are subject to change. It is the student's responsibility to check the Learning Management System (Currently Brightspace) for corrections or updates to the syllabus. Any changes will be clearly noted by your instructor or listed in the course announcements or through NICC email.