



UNIVERSITY OF NORTHERN COLORADO

Extended Campus

College of Natural & Health Sciences
School of Earth & Atmospheric Sciences

UNC Dual Enrollment at Windsor High School

GEOL 100-693: General Geology (4 credits; LAC, gtP*)
Spring 2021 (4th Quarter)

This course is the equivalent of General Geology – Geology 100 at the University of Northern Colorado, Greeley, Colorado

Instructor: Paul Katers

Voice Mail: (970)686-8100 ext. 3662

Email: paul.katers@weldre4.org

Required Text: Essentials of Geology by Frederick K. Lutgens and Edward J. Tarbuck, 12th Edition. This book will be provided for you.

Course Description

Survey for nonscience majors. Origins and classifications of minerals and rocks, landscape development, and the earth's structure and history.

Course Objectives

As a college level course, students will be expected to perform at a high level. Class discussions, labs, and assignments will be challenging, yet beneficial to the science bound student. Non-science bound students may be able to use this course as an elective credit at college. You must receive a "C" or better to earn UNC credit.

Science Standards

1. The history of the universe, solar system and Earth can be inferred from evidence left from past events.
2. As part of the solar system, Earth interacts with various extraterrestrial forces and energies such as gravity, solar phenomena, electromagnetic radiation, and impact events that influence the planet's geosphere, atmosphere, and biosphere in a variety of ways.
3. The theory of plate tectonics helps explain geological, physical, and geographical features of Earth.
4. Climate is the result of energy transfer among interactions of the atmosphere, hydrosphere, geosphere, and biosphere.
5. There are costs, benefits, and consequences of exploration, development, and consumption of renewable and nonrenewable resources.

6. Interaction of Earth's surface with water, air, gravity, and biological activity causes physical and chemical changes.
7. Natural hazards have local, national and global impacts such as volcanoes, earthquakes, tsunamis, hurricanes, and thunderstorms.

Expectations

Rule #1: If I am talking, you are not!

Be prepared: Come to class with materials and assignments.

Be on time: A tardy is defined as not being in class when the bell rings.

1. If you are tardy, you must report to the Attendance Office for a tardy slip to be admitted to class
2. You will receive a tardy grade for each quarter. (50pts per quarter)
3. 5 pts will be deducted for each tardy
4. If an assignment is collected or a quiz is taken before you show up in class, then you will also receive a "0" for either assignment.

Unexcused Absence:

1. Is when you are 45 or more minutes late to class.
2. Results in a zero for the day on all work.
3. May result in an attendance contract.

Make-up Work:

1. You have 2 class periods to make up work
2. Discussed only before/after school and during ELO.
3. Asking for make-up work is **YOUR** responsibility!!!

Assignments: NO UNEXCUSED LATE WORK WILL BE ACCEPTED!!

1. Are due at the beginning of class. No exceptions.

Labs:

1. Follow the lab safety guidelines
2. Lab materials are off limits except during designated lab time
3. Inappropriate use of lab materials will result in no credit for the lab

Cheating: Cheating is not tolerated

1. First Offense = zero on assignment/test, and a call home
2. Second Offense = conference with parents and you may be dropped from class

Materials: No special supplies are needed

1. Pens/pencils, paper, and notebook
2. 3 ring binder is highly recommended

Online Course Information: tinyurl.com/katersgeology

1. Geology Syllabus, Study Guides, Lectures and Presentations will be available online

Contraband: Things not to have in class;

1. Food and Drinks (water is ok)
2. Cellphones - no exceptions

Technology: Chromebooks

1. In class we will be using Chromebooks
2. If you do not have internet or a computer at home
 - a. School Media Center
 - b. Windsor Library
 - c. Classroom - before/after school and ELO

Grades

1. Grades will be updated weekly, unless there is a large project, then allow for 2 weeks.
2. The grading scale will be broken up into the following categories and percentages:
 - a. Tests/Quizzes = 45%
 - b. Labs/Projects = 40%
 - c. Participation/Life Skills = 15%

A = 89.55 and above

B = 79.5 – 89.5%

C = 69.5% - 79.5%

D = 59.5 – 69.5%

F – 59.5% and below

Extra Credit

1. Occasionally a question will be asked that I cannot answer. I will give the option for extra credit to be given to those that research and find the answer.
2. Present an article from the paper/magazine that is up to date and corresponds to what we are learning.

Cumulative Final

Honor Code

All members of the University of Northern Colorado community are entrusted with the responsibility to uphold and promote five fundamental values: Honesty, Trust, Respect, Fairness, and Responsibility. These core elements foster an atmosphere, inside and outside of the classroom, which serves as a foundation and guides the UNC community's academic, professional, and personal growth. Endorsement of these core elements by students, faculty, staff, administration, and trustees strengthens the integrity and value of our academic climate.

Academic Conduct: UNC's Policies

UNC's policies and recommendations for academic misconduct will be followed. For additional information, please see the Dean of Student's website, <http://www.unco.edu/dean-of-students/>.

Disability Accommodations

Students with Individualized Education Plan will receive accommodations through Windsor High School and will comply with the American Disabilities Act.

***Liberal arts core & Colorado gtPathways.** This course satisfies 4 credits of Area 6. (Physical & Life Sciences) of the UNC Liberal Arts Core. This course has been approved by the Colorado Commission on Higher Education for inclusion in the Colorado Guaranteed Transfer Program, gtP. gtP courses automatically transfer to any public institution in Colorado and will continue to count toward general education or other graduation requirements for any liberal arts or science associate or bachelor's degree program IF a grade of C- or higher is recorded. Statewide articulation agreements prescribe specific general education and degree

requirements in the following professional degree programs: business, early childhood, elementary education, engineering and nursing. Most other courses not approved for the gtP designation will also be accepted in transfer by other institutions but may not fulfill general education or degree requirements. For more information on the GT Pathways program, go to <http://highered.colorado.gov/academics/transfers/gtpathways/curriculum.html>.

Homework

Please sign below, indicating that you and your student have read and understand the classroom guidelines.

Student Signature: _____

Date: _____

Parent Signature: _____

Date: _____