

JAMESTOWN COMMUNITY COLLEGE
State University of New York
INSTITUTIONAL COURSE SYLLABUS

Course Title: Physical Geology Lab

Course Abbreviation and Number: GLG 1512

Credit Hours: 1

Course Type: LA

Course Description: This laboratory course offers an introduction to geology. Laboratory exercises and field trips correlate with lecture topics. This course is designed for science majors as a gateway to more advanced coursework in biology and related disciplines but also serves non-science majors who need a general education course with a lab.

Eligibility: ENG 1510 without supports or Corequisite: ENG 1510 with supports and Corequisite: MAT 0550 or Eligibility: College Level Math; Corequisite: GLG 1511.

General Education Requirements Met:

SUNY
Natural Sciences

JCC
Scientific Reasoning

Student Learning Outcomes:

Students who demonstrate understanding can:

1. Apply principles from topics covered in the lecture portion of the course via scientific experimentation.
2. Demonstrate an understanding of the methods scientists use to explore natural phenomena, including observation, hypotheses development, measurement and data collection, experimentation, evaluation of evidence, and employment of data analysis or mathematical modeling. [SUNY Gen Ed – Natural Sciences SLO 1]

Topics Covered:

- Lab Skills
- Mineral ID
- Weathering
- Rock ID
- Stream Velocity
- Sediment Deposition
- Porosity
- Sand Analysis
- Structures and Maps
- Stream Analysis

Information for Students:

- Expectations of Students
 - [Civility Statement](#)
 - [Student Responsibility Statement](#)
 - [Academic Integrity Statement](#)
- Accessibility Services: <https://www.sunyjcc.edu/accessibility>
- Get Help: <https://www.sunyjcc.edu/gethelp>

- Emergency closings: <https://www.sunyjcc.edu/jccalert>
- Course grades are determined by the instructor based on a combination of factors, including but not limited to, homework, quizzes, exams, projects, and participation. Final course grade can be translated into a grade point value according to the following:

Letter Grade	A	B+	B	C+	C	D+	D	F
Numerical Grade	4.0	3.5	3	2.5	2	1.5	1	0

- Veterans and active-duty military personnel with special circumstances (e.g., upcoming deployments, drill requirements, VA appointments) are welcome and encouraged to communicate these to the instructor.

Effective Term: Fall 2026