

Course Information:

Room: 346 Bowers
Sections: L01 (Mon 11:30-1:20)
L02 (Tues 8:30-10:20)
L03 (Tues 11:05-12:55)
L04 (Wed 11:30-1:20)
L05 (Thurs 8:30-10:20)
L06 (Thurs 11:05-12:55)

Credit Hours: 0 sem hrs

Instructor:

Mrs. Julie Barclay
Office: 343 Bowers
Phone: ext. 2922 (off campus dial 753-2922)
E-mail: barclayj@cortland.edu
Home page: web.cortland.edu/barclayj/index.html
Office Hours: Tues 10:30-11, Thurs 1-3, & Fri 9-10
or by appointment

Laboratory Materials:

Required Textbooks:

Earth Science Laboratory Manual. Barclay, J., SUNY Cortland, Fall 2009.
Encounter Earth. Kluge, Steve, Pearson Prentice Hall, 2009.
Earth Science (12th ed.). Tarbuck, E.J. and Lutgens, F.K., Pearson Prentice Hall, 2009.
Geode's World Atlas (21st ed.). Veregin, Howard (editor), Pearson Prentice Hall, 2005.

Other Materials:

Lab Kit (optional purchase, you may borrow one for use in the lab room only)
Pencil
Simple Calculator

You **MUST** have your Earth Science Lab Manual for all labs and your Encounter Earth workbook for the labs it is required (see attached schedule). Failure to have the appropriate lab materials will result in a grade of zero for that day's exercise. The attached schedule outlines when you will need to bring other materials to lab.

Attendance: Attendance is mandatory. You are expected to attend all labs, arrive on time, and remain until you have completed the exercise. Make-up labs will **ONLY** be allowed if you have given the instructor prior notification of your absence and have arranged a day and time to complete the work. Make-up work must be completed within two weeks of the original assignment. Frequent absences will lower your lab grade.

Evaluation: Lab is worth 30% of your total GLY 171 course grade. Your lab grade will be based on the following:

Pre-Lab Quizzes	10%
Lab Exercises	10%
Mineral Practical Exam	2%
Rocks Practical Exam	3%
Lab Final Exam	5%
Total	30%

Pre-Lab Quizzes: Pre-lab quizzes will be given at the beginning of most labs (see lab schedule). A list of the key words that will be covered on each quiz is provided at the beginning of each lab exercise. If you arrive late to lab and miss the quiz, you will be given a grade of zero for that week's quiz. There will be **NO** make-up quizzes. Your lowest quiz grade will be dropped at the end of the semester.

Lab Exercises: All lab exercises must be completed during the lab period. You must check your completed exercise with me (or a TA) before you leave lab to get credit for the assignment; otherwise you will be given a grade of zero. Make-up assignments will be allowed only if you have given me PRIOR notification of your absence. Your lowest exercise grade will be dropped at the end of the semester.

Exams: Exam dates are listed on the attached course schedule. Review sessions and review sheets will be provided prior to each.

Course Objectives: Laboratory exercises are designed to reinforce the principles covered in lecture and to facilitate the use of the scientific method.

Laboratory Access: The lab is only open during class time and for scheduled review sessions.

Overnight Lending Policy: Some lab materials are available on an overnight sign-out basis. All materials MUST be returned by the following day. Failure to return borrowed materials will result in an incomplete (or eventually failing) grade for the course.

Academic Honesty: Students are allowed to work together on laboratory exercises, however written class work that is turned in must be in your own words. Students who hand in identical answers will be subject to disciplinary action. Other forms of cheating will also not be tolerated.

Cell Phone Usage: The use of cell phones in lab is strictly prohibited. Students caught using a phone during lab will be asked to leave and given a grade of zero for that day's exercise. If you have an outside responsibility (job or family) that may require you to make or receive a call please notify me in advance.

Disability Statement: If you are a student with a disability and wish to request accommodations, please contact the Office of Student Disability Services located in B-1 Van Hoesen Hall or call (607) 753-2066 for an appointment. Information regarding your disability will be treated in a confidential manner. Many accommodations require early planning, requests for accommodations should be made as early as possible.

GLY 171: Earth Science Laboratory - Fall 2009 Semester Schedule

- ☉ You **MUST** bring your lab manual and pencil to each lab; additionally you must have your Encounter Earth workbook on the days indicated on the schedule below.
- ☉ Other materials needed are also indicated on the schedule below.
- ☉ C=calculator, LK=lab kit, TB=textbook (*Earth Science*), A=atlas (*Geode's World Atlas*)

Day	Monday	Tuesday	Wednesday	Thursday	Friday
Time	LO1 11:30-1:20	LO2 8:30-10:20 LO3 11:05-12:55	LO4 11:30-1:20	LO5 8:30-10:20 LO6 11:05-12:55	No Labs
Date/ Lab Activity	August				
	31 Forensic Geology				
	September				
		1 Forensic Geology	2 Forensic Geology	3 Forensic Geology	4
	7 No Lab - Labor Day	8 (A, TB, C) Plate Tectonics	9 (A, TB, C) Plate Tectonics	10 (A, TB, C) Plate Tectonics	11
	14 (A, TB, C) Plate Tectonics	15 (LK) Minerals	16 (LK) Minerals	17 (LK) Minerals	18
	21 (LK) Minerals	22 (LK) Mineral Practical Exam	23 (LK) Mineral Practical Exam	24 (LK) Mineral Practical Exam	25
	28 (LK) Mineral Practical Exam	29 (LK) Rocks I	30 (LK) Rocks I		
	October				
				1 (LK) Rocks I	2
	5 (LK) Rocks I	6 (TB, LK) Rocks II	7 (TB, LK) Rocks II	8 (TB, LK) Rocks II	9
	12(TB, LK) Rocks II	13 (LK) Rocks Practical Exam	14 (LK) Rocks Practical Exam	15 (LK) Rocks Practical Exam	16 Fall Break
	19 (LK) Rocks Practical Exam	20 (Encounter Earth) Topographic Maps	21 (Encounter Earth) Topographic Maps	22(Encounter Earth) Topographic Maps	23
	26 (Encounter Earth) Topographic Maps	27 (C) Groundwater	28 (C) Groundwater	29 (C) Groundwater	30
	November				
	2 (C) Groundwater	3 (Encounter Earth) Streams	4 (Encounter Earth) Streams	5 (Encounter Earth) Streams	6
	9 (Encounter Earth) Streams	10 (TB) Atmosphere and Climate	11 (TB) Atmosphere and Climate	12 (TB) Atmosphere and Climate	13
	16 (TB) Atmosphere and Climate	17 (Encounter Earth) Glaciers	18 (Encounter Earth) Glaciers	19 (Encounter Earth) Glaciers	20
	23 (Encounter Earth) Glaciers	24 No Lab	25 No Lab - Thanksgiving	26 No Lab - Thanksgiving	27
	30 (TB) Oceans & Coasts				
	December				
		1 (TB) Oceans & Coasts	2 (TB) Oceans & Coasts	3 (TB) Oceans & Coasts	4
	7 (C) Lab Final	8 (C) Lab Final	9 (C) Lab Final	10 (C) Lab Final	11