

Course Assessment – Part A: Your Plan

#308

Your Email *

Please select your course & name from the drop-down menu. Contact Instructional Services if your course or name are incorrect or missing

GS 106 Physical Science (Geology) – 1092861 – Gretchen Gebhardt – Summer 2018

Part A: Your Plan
Directions

1. Choose three of your course outcomes to assess and report on this term (these will also be used in your Student Course Evaluation survey):

Use scientifically valid modes of inquiry, individually and collaboratively, to critically evaluate the hazards and risks posed by geologic processes both to themselves and society as a whole, evaluate the efficacy of possible ethically robust responses to these risks, and effectively communicate the results of this analysis to their peers.

Outcome #1 *

Outcome #2 *

Use an understanding of the rock cycle, plate tectonics and surface processes to explain how the Earth's surface wears away and is renewed.

Outcome #3 *

Make field based observations and measurements of earth materials and landscapes, use scientific reasoning to interpret these observations and measurements, and compare the results with current models of geologic processes identifying areas of congruence and discrepancy.

Have you completed an assessment for this course prior to this term?

Yes

If yes, are you assessing different outcomes?

No

Comments:

I am adopting a new OER textbook and would like to see how students compare with past classes.

2. To which degree(s) or certificate(s) does your course map?

[Degree, Certificate, & Program Outcomes](#)

- Not Sure
- TRANSFER AND GENERAL DEGREES
- Associate of Arts Oregon Transfer
- Associate of Science
- Associate of Applied Science – Early Childhood Education and Family Studies

Method of Assessment

3. What methods will be used to assess individual student understanding of each of these outcomes? (Please be specific.)

Course project, students will research a geologic hazard and describe how it is triggered, how it can be prevented or mitigated and how the response to the hazard is handled. They will be working in groups and will verbally present the material as well as write a proposal for the project.

Outcome #1: Method to assess student understanding *

Outcome #2: Method to assess student understanding *

Essay question on the final exam. The students will be required to answer a series of questions in regards to the rock cycle such as drawing the rock cycle, label and describe the processes, they will also choose a rock and follow it through the rock cycle. The students will

also be asked to describe in detail the mechanics and geologic processes that cause uplift and erosion to occur.

Outcome #3: Method to assess student understanding *

The students will be required to take one field trip throughout the term. In these trips the students will be required to examine a landscape or rock formation and determine what rock or landform they are observing as well as the geologic processes responsible for creating that feature. They will then compare what they saw to what exists in the literature or on maps.

4. How will you know if you were successful in your efforts to teach this outcome?

At least 70% of the students that complete the assignment will have earned at least a 70% on the assignment.

Outcome #1: *

Outcome #2: How will you know if you were successful in your efforts to teach this outcome? *

At least 70% of the students that complete the assignment will have earned at least a 70% on the assignment.

Outcome #3: How will you know if you were successful in your efforts to teach this outcome? *

At least 70% of the students that complete the assignment will have earned at least a 70% on the assignment. I will also compare the results from multiple trips we will take to check for improvement through the course.

5. Instructor Questions: Create two course specific questions to be included on the Student Course Evaluation. Question #1

How well did the online textbook aid in your understanding of the material in this course? Please indicate if you used the paper book or the E-book, as well as what you liked or did not like about the material.

Question #2

How effective were the field trips in your understanding of the material covered in this class? Would you like to see more field trips in the future?

Do you require the names of students who complete the course evaluation survey? (Please note: names will be sent to instructors the Thursday before term ends)

Yes

Reminder, when completing Part B, instructors will be asked the following questions:

1. Describe anything you did to support the institutional effort to support students in improving "Sources and Evidence" and/or "Organization and Presentation" for the CLO Communication
2. Describe anything you did to support the institutional effort to support students in improving "Student Position" and/or "Evaluate Potential Solutions" for the CLO Critical Thinking/Problem Solving

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