

Course Assessment – Part A: Your Plan

#36

Your Email *

Please select your course & name from the list. Contact Instructional Services if your course or name are incorrect or missing

GS 106 – Gebhardt

Outcome #1 *

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 #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 have made some changes to my field trips, labs and discussion activities this term. I want to make sure these outcomes are still being met (or more students are meeting them) with these changes.

2. To which degree, certificate or program outcomes do these course outcomes map? Degree, Certificate & Program Outcomes can be found at:
<http://www.cgcc.edu/curriculum/program-outcomes>

- Associate of Arts Oregon Transfer
- Associate of Science

Outcome #1 Method to assess student understanding *

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. If a student gets at least an 80% on the project or full credit on the hazards portion of the project

rubric, they understand the outcome.

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. If a student gets at least an 80% on the homework, they understand the outcome

Outcome #3 Method to assess student understanding *

The students will be required to take two field trips throughout the term. In each of 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. If a student gets at least an 80% on the assignment, they understand the outcome

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 *

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 #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. I will also compare the results from multiple trips we will take to check for improvement through the course.

Outcome #3 *

#1

How effective were the discussion activities in helping you understand the material covered each week? Please explain.

#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? *

- Yes

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