

Assessment Impact by Course Objectives
Palau Community College
Program (ES) - Environmental Marine Science

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CLO: SC 120 - Physical Geology: CLO 1

Knowledge on the basic concepts of physical geology – Students demonstrate competency in the basic concepts of physical geology by providing concise explanations and engaging in lively discussions about the way geology affects our planet and our lives in the following manner.

CLO Assessment Cycle: 2014-2015 (Spring 2015)

CLO Status: Active

Means of Assessment			
Means of Assessment	Expected Student Performance	Notes	Active
Demonstrate competency in the basic concepts of physical geology by providing concise explanations and engaging in lively discussions about the way geology affects our planet and our lives in the following manner: summarize the formation of the Milky Way solar system, including Earth, its moon, its atmosphere, and its ocean; describe the unique characteristics of minerals and identify common minerals; explain the rock cycle; list and describe the three classification of rocks, their formation, and identify common examples of each class; explain the science of earthquakes, volcanoes, mountains and other geologic structures. Signature assignment: Midterm Exam	70% of the students assessed will perform at the proficiency level.		Yes
Demonstrate competency in the basic concepts of physical geology by providing concise explanations and engaging in lively discussions about the way geology affects our planet and our lives in the following manner: describe the process of soil formation; list the different types of fossils and briefly explain how they are formed; explain mass wasting and differentiate between the different types of landslides; discuss the formation and importance of various geologic resources including fossil fuel, mineral resources, and water; identify and briefly describe advantages and disadvantages of some alternative sources of energy that can be used for the purpose of sustaining nonrenewable geologic resources. Signature assignment: Final Exam	70% of the students assessed will perform at the proficiency level.		Yes
Demonstrate competency in the basic concepts of physical geology by providing concise explanations and engaging in lively discussions about the way geology affects our planet and our lives in the following manner: test for the unique characteristics of minerals and identify common minerals; list and describe the three classification of rocks, their formation, and identify common examples from each rock class; relate geologic structures to the theory of plate tectonics; differentiate between an emergent and submergent coastlines and the different features of each; describe the hydrologic cycle and the importance of protecting our water resource. Signature assignment: Lab Journal	70% of the students assessed will perform at the proficiency level.		Yes

Results

Results

Summary of Data Collected	Use of Results	Follow-Up	Semester Assessed
<p>Midterm Exam - 05/28/2015 - 75% of students assessed performed at the proficiency level</p> <p>Expected Student Performance Met: Yes</p> <p>Related Documents: CLO1Evidences.pdf</p>	<p>06/08/2015 - No action necessary at this time as expected outcome was achieved</p>		<p>2014 - 2015 (Spring 2015)</p>
<p>Lab Journal - 05/23/2014 - 100% of students assessed achieved a rating of 3.</p> <p>Expected Student Performance Met: Yes</p> <p>Related Documents: Lab evidences.pdf</p>	<p>05/23/2014 - No action needed at this time as the expected outcome has been met.</p>		<p>2013 - 2014 (Spring 2014)</p>
<p>Final Exam - 05/23/2014 - 16.67% of the students assessed achieved a rating of 4 (accomplished) and 83.33% achieved a rating of 3 (competent); therefore 100% of the students assessed achieved a rating of 3 (competency) or better.</p> <p>Expected Student Performance Met: Yes</p> <p>Related Documents: Final Evidences.PDF</p>	<p>05/23/2014 - No action needed at this time as the expected outcome has been met.</p>		<p>2013 - 2014 (Spring 2014)</p>
<p>Midterm Exam - 05/23/2014 - 33.33% of the students assessed achieved a rating of 4 (accomplished) and 66.67% achieved a rating of 3 (competent); therefore 100% of the students assessed achieved a rating of 3 (competency) or better.</p> <p>Expected Student Performance Met: Yes</p> <p>Related Documents: Midterm Evidences.PDF</p>	<p>05/23/2014 - No action needed at this time as the expected outcome has been met.</p>		<p>2013 - 2014 (Spring 2014)</p>