

Assessment: Course Four Column



Courses (SCI) - Geology

GEOL 101:Geol: Explor Planet Earth

<i>Course Outcomes</i>	<i>Assessment Measures</i>	<i>Results</i>	<i>Actions</i>
<p>Recognize and identify common rocks and minera - Recognize and identify common rocks and minerals.</p> <p>Scientific Data Interpretation</p> <p>Course Outcome Status: Active</p> <p>Next Assessment: 2023-2024</p>	<p>Quiz - Mineral Identification Quiz</p> <p>Criterion: 70% of students earned 70% or better</p>	<p>Reporting Period: 2018-2019</p> <p>Criterion Met: No</p> <p>65% of students earned a 70% or better on the Mineral ID quiz. The average of this quiz was a 70%. The highest score was 100%</p> <p>Results Analysis: Grades this semester are greatly improved over Fall 2017! This criteria was not met in Fall 2017 – at that time only 68% of students earned a 70% or higher. (01/14/2020)</p>	<p>Action: Continue to spend time on mineral lab activities. Many students voluntarily posted rocks and minerals on the House of Rocks Discussion area and seemed to value/appreciate my input. (01/14/2020)</p>
<p>Theory of Plate Tectonics and how it relates to the Scientific Method - Describe the theory of Plate Tectonics and how it relates to the Scientific Method.</p> <p>Scientific Reasoning</p> <p>Course Outcome Status: Active</p> <p>Next Assessment: 2023-2024</p>	<p>Exam - Exam 1</p> <p>Criterion: 60% of students earned 70% or better</p>	<p>Reporting Period: 2018-2019</p> <p>Criterion Met: No</p> <p>43% of the students earned a 70% or higher. The average on the exam 2 was a 67%. The highest grade was a 94% and the lowest grade was a 39%.</p> <p>Results Analysis: Yikes. This is incredibly dismal. (01/14/2020)</p>	<p>Action: In the fall, I will examine my exam 1 questions and look at alignment between course outcomes and assessment questions. Contact at risk students. Encourage students to come to office hours and introduce students to tutors. (01/14/2020)</p>
<p>Three rock types and describe the various environments in which they form - Identify the three rock types and describe the various environments in which they form.</p> <p>Scientific Reasoning</p>	<p>Exam - Exam 2</p> <p>Criterion: 65% of students earned 70% or better</p>	<p>Reporting Period: 2018-2019</p> <p>Criterion Met: No</p> <p>56% of students earned a 70% or better.</p> <p>The average on this exam was a 67%</p> <p>Results Analysis: Very low scoring assessment.</p>	<p>Action: In the fall, I will examine my exam 2 questions and look at alignment between course outcomes and assessment questions. Contact at risk students. Encourage students to come to office hours and</p>

<i>Course Outcomes</i>	<i>Assessment Measures</i>	<i>Results</i>	<i>Actions</i>
<p>Course Outcome Status: Active Next Assessment: 2023-2024</p>		(01/14/2020)	introduce students to tutors. (01/14/2020)
<p>Effects of geologic processes acting within the Earth and describe these processes using appropriate terminology - Recognize and identify the effects of geologic processes acting within the Earth and describe these processes using appropriate terminology.</p> <p>Scientific Reasoning Course Outcome Status: Active Next Assessment: 2023-2024</p>	<p>Exam - Exam 3 Criterion: 70% of students earned 70% or better</p>	<p>Reporting Period: 2018-2019 Criterion Met: No 53% of students earned a 70% or better on Exam 3. The average of the exam was a 68%. Results Analysis: Low scoring assessment (01/14/2020)</p>	<p>Action: In the fall, I will examine my exam 3 questions and look at alignment between course outcomes and assessment questions. Contact at risk students. Encourage students to come to office hours and introduce students to tutors. (01/14/2020)</p>
<p>Effects of geologic processes acting on the Earth's surface using appropriate terminology - Recognize and identify the effects of geologic processes acting on the Earth's surface using appropriate terminology.</p> <p>Scientific Reasoning Course Outcome Status: Active Next Assessment: 2023-2024</p>	<p>Exam - Exams 4 Criterion: 70% of students earned 70% or better</p>	<p>Reporting Period: 2018-2019 Criterion Met: Yes 73% earned a 70% or better. The average on this exam was a 71% Results Analysis: The criterion was met! (01/14/2020)</p>	<p>Action: Starting the day after Exam 3 - Emphasize the importance of finishing strong at the end of the semester. (01/14/2020) Follow-Up: Reflections - This group of students were absolutely lovely; however they were very low performers. Many of the questions on assessments were the same as previous years and students Fall 2018 AND Spring 2019 collectively scored significantly lower than students of all previous years. As mentioned in the Fall 2018 reflection, I plan to be more proactive in identifying at risk students prior to the first exam to make sure they get their semester off to a successful start. (01/14/2020)</p>