

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 minerals - Recognize and identify common rocks and minerals.</p> <p>Scientific Data Interpretation Course Outcome Status: Active Next Assessment: 2023-2024</p>	<p>Quiz - Mineral Identification Quiz Criterion: 70% of students earned 70% or better</p>	<p>Reporting Period: 2018-2019 Criterion Met: Yes 78% of students earned a 70% or better on the Mineral ID quiz. The average of this quiz was a 78%.</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. (09/18/2019)</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. (09/18/2019)</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 Course Outcome Status: Active Next Assessment: 2023-2024</p>	<p>Exam - Exam 1 Criterion: 60% of students earned 70% or better</p>	<p>Reporting Period: 2018-2019 Criterion Met: Yes 52% of the students earned a 70% or higher. The average on the exam 2as a 67%. The highest grade was a 94% and the lowest grade was a 33%.</p> <p>Results Analysis: The criterion is lower for the first exam because some students don't realize the rigor of a 4 credit science course. (09/18/2019)</p>	<p>Action: Add a more detailed section in the syllabus about rigorous exams. Reach out to at-risk students regarding the exam two weeks prior to exams being available. Talk to advisors and encourage them to have students take GEOL 101 live or IAV. Send announcements at beginning of semester acknowledging the rigor and amount of time involved with GEOL 101 coursework. (09/18/2019)</p>
<p>Three rock types and describe the various environments in which they form - Identify the three rock types and describe the various</p>	<p>Exam - Exam 2 Criterion: 65% of students earned 70% or better</p>	<p>Reporting Period: 2018-2019 Criterion Met: No 61% of students earned a 70% or better. The average on this exam was a 74%</p>	<p>Action: Contact at risk students. Encourage students to come to office hours and introduce students to tutors. Try to retain</p>

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<p>environments in which they form.</p> <p>Scientific Reasoning Course Outcome Status: Active Next Assessment: 2023-2024</p>		<p>Results Analysis: This exam is given a week prior to the withdraw deadline. (09/18/2019)</p>	<p>students lost between exams 1 and 2. (09/18/2019)</p>
<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: Yes 70% of students earned a 70% or better on Exam 3. The average of the exam was a 77%.</p> <p>At this point in the semester, students really know what to expect on the exams. (09/18/2019)</p>	<p>Action: Attempt to increase % of students earning 70% or better. Tell students to keep working hard, use tutors. (09/18/2019)</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 74% earned a 70% or better. The average on this exam was a 76%</p> <p>The criterion was met! (09/18/2019)</p>	<p>Action: Continue to announce every class the two weeks prior to finals to study and prepare. Not just in GEOL 101 but in all of their courses! (09/18/2019)</p> <p>Follow-Up: Reflections - Starting Fall 2019, I plan to reduce my DWFs by staying in closer contact with at-risk students. I will identify these students prior to the first exam by paying close attention to participation and quality of labs and assignments. I am currently reviewing the GEOL 101 textbook UNR uses so we can even more smoothly with their program. (09/18/2019)</p>