

Assessment: Course Four Column



Courses (SCI) - Geology

GEOL 102:Earth/Life Through Time

Course Outcomes	Assessment Measures	Results	Actions
<p>Communication- Historical Geology - GenEd: Communication Identify connections between concepts across Historical Geology</p> <p>Course Outcome Status: Active Next Assessment: 2020-2021 Start Date: 10/27/2015</p>	<p>Exam - Representative exam essay question (see notes)</p> <p>Criterion: The average on the question is 70% or better</p>	<p>Reporting Period: 2015-2016 Criterion Met: Yes 86% (09/26/2016)</p>	<p>Action: Students responded to the questions 1-3 well, but struggled with responses to 4 and certainly 5. My plan is to write questions more clearly and make sure students know to dig deep and synthesize. (09/26/2016)</p>
<p>Reasoning- Read and Interpret Graphs - Critical Thinking: Reasoning Read and Interpret Graphs</p> <p>Course Outcome Status: Active Next Assessment: 2020-2021 Start Date: 10/27/2015</p>	<p>Exam - Representative exam question using a graph*</p> <p>Criterion: The class average on the question is 70% or better</p>	<p>Reporting Period: 2015-2016 Criterion Met: No Average 69.4</p> <p>No (nearly reached the criterion) (09/26/2016)</p>	<p>Action: Continue offering critical thinking exam questions with graphs. Provide additional practice problems. (09/26/2016)</p>
<p>Quantitative - Critical Thinking: Quantitative Demonstrate the quantitative skills needed to succeed in geology</p> <p>Course Outcome Status: Active Next Assessment: 2020-2021 Start Date: 10/27/2015</p>	<p>Exam - Exam 1 – half life exercise</p> <p>Criterion: 70% of the class answers the question correctly</p>	<p>Reporting Period: 2015-2016 Criterion Met: Yes 75% of the students answered the question correctly. (09/26/2016)</p>	<p>Action: Re-write half life questions. I apparently need to work on my quantitative skills because I wrote this particular problem incorrectly. (09/26/2016)</p>
<p>Scientific Understanding - Scientific Understanding: Apply the principles of scientific inquiry to help solve</p>	<p>Internal Tracking - Overall Course Grade</p> <p>Criterion: The class average is 70%</p>	<p>Reporting Period: 2015-2016 Criterion Met: Yes The class average was 80% (09/26/2016)</p>	<p>Action: Continue with challenging exams and helpful labs/assignments. Weights for exams, labs and</p>

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geologic problems Course Outcome Status: Active Next Assessment: 2020-2021 Start Date: 10/27/2015	or better		assignments seem reasonable. Teach this course live in the future with lecture capture. (09/26/2016) Follow-Up: This semester was the first semester I taught GEOL 102 online. In the future, I need to teach it live with lecture capture and an online section. I will do this even if I have only 2 students. Based on results in GEOL 101, students seem to relate to recorded 'live' lectures better than recorded lectures created in my office. (09/26/2016)