

COURSE SLO ASSESSMENT REPORT, SCC

Department: Earth Sciences
Year: 2011-2012

Course: GEOL 150 – Introduction to Oceanography
Semester: Spring 2012

1) Outcome to be assessed <i>(verbatim and in the same order as in CurricUNET)</i>	2) Means of assessment and criteria of success <i>(include % of students expected to meet criteria of success)</i>	3) Summary of data collected <i>(include # of students assessed and % meeting each SLO)</i>	4) Analysis of data	5) Plan of action/what to do next
<p>SLO #1 Students should develop the awareness that changes to the Earth, especially the oceans, are a result of physical and chemical processes.</p> <p>SLO #2 Students should be able to demonstrate an understanding that astronomical, geological, oceanographic and meteorological processes are based upon observation of Earth materials and features.</p>	<p>For Both SLOs: pre/post test method</p> <p>Success Criteria: #1 improvement shown between pre- and post-test</p> <p>#2 score above 69% on post-test</p> <p>We want 70% of students to meet the criteria.</p>	<p>For Both SLOs:</p> <p>1 section - students took both the pre- and post-test anonymously therefore cannot determine individual improvement between the tests</p> <p>students above 69% on pre-test = 11 of 52 or 21%</p> <p>students above 69% on post-test = 21 of 31 or 68%</p>	<p>For Both SLOs:</p> <p>Using the criteria of score above 69%, improvement is inferred because on the pre-test 21% met the criteria and 79% did not. While on the post-test 68% met the criteria and 32% did not.</p> <p>At 68% of students above 69% as a post-test score, we did not meet our hoped for criteria.</p>	<p>We need to redo our pre- and post-tests to analyze the SLOs separately.</p> <p>We need to keep track of the individual students to have a stronger record of improvement.</p> <p>Because methodology needs work, at this time it might be more prudent to get that straight and then to look at changes in the curriculum and teaching.</p>