

## COURSE SLO ASSESSMENT REPORT, SCC

Department: Earth Sciences  
Year: 2012-2013

Course: GEOL 101L – Introduction to Geology Laboratory  
Semester: Spring 2013

<b>1) Outcome to be assessed</b> <i>(verbatim and in the same order as in CurricUNET)</i>	<b>2) Means of assessment and criteria of success</b> <i>(include % of students expected to meet criteria of success)</i>	<b>3) Summary of data collected</b> <i>(include # of students assessed and % meeting each SLO)</i>	<b>4) Analysis of data</b>	<b>5) Plan of action/what to do next</b>
<p><b>SLO #1</b> Students should develop the awareness that changes to the Earth are a result of physical and chemical processes.</p> <p><b>SLO #2</b> Students should be able to demonstrate an understanding that geological processes are based upon observation of Earth materials and features.</p>	<p>For SLO #2</p> <p>cleavage question improvement</p> <p>Success Criteria: Same question anonymously collected 3 labs in a row to test mastery of a new skill. There should be improvement from lab to lab.</p> <p>We want 70% of students to meet the criteria by the 3<sup>rd</sup> lab.</p>	<p>For SLO #2</p> <p>1 section – 27 in first lab; 22 in 2<sup>nd</sup> lab; 19 in 3<sup>rd</sup> lab.</p> <p>1<sup>st</sup> lab 70% successful 19/27 2<sup>nd</sup> lab 86% successful 19/22 3<sup>rd</sup> lab 63% successful 12/19</p>	<p>For SLO #2</p> <p>Criteria met by 2<sup>nd</sup> lab, but then not met by 3<sup>rd</sup>.</p> <p>Why?? Increasing difficult minerals to ID or many people out during the 3<sup>rd</sup> lab, maybe some of the missing people are the better students.</p>	<p>We need to rethink this and see if we can find a better way.</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>