

COURSE SLO ASSESSMENT REPORT, SCC

Department: Biology Course: Biology 109H
 Year: 2010 Semester: Spring

1) Outcome to be assessed	2) Means of assessment and criteria of success	3) Summary of data collected	4) Analysis of data	5) Plan of action/what to do next
<p>Identify and explain the definitive characteristics of living organisms in a clear and concise manner.</p> <p>SLO #1/2</p>	<p>Three multiple-choice questions will be inserted into various lecture exams. 65% of the students should be able to correctly answer a "C" question, 20% of the students should be able to answer a "B" question, and 10% of the students should be able to answer an "A" question.</p>	<p>1. When an organism becomes a fossil, its tissues are replaced by minerals. It no longer exhibits most of the properties associated with life. Which property is retained by the fossil? A) organization. B) homeostasis. C) growth and reproduction. D) response to stimuli. E) metabolism.</p> <p>Spring 2010 -- 19/31 (61.3% correct)</p> <p>2. Outside, the non-living world is unorganized and chaotic while inside an organism, there is a relatively constant environment. Maintenance of the constant internal environment exhibits which of the following properties associated with life? A) behavior. B) metabolism. C) growth and development. D) homeostasis. E) adaptation.</p> <p>Spring 2010 -- 26/31 (83.9% correct)</p> <p>3. The smallest unit that has all the characteristics of life is A) tissue. B) atom. C) molecule. D) organelle. E) cell.</p> <p>Spring 2010 -- 17/31 (54.8% correct)</p>	<p>The second question was correct more often than either question 1 or 3 and this does not adhere to the criteria under the Means of Assessment. This is the first semester this class has been assessed for this SLO and is a small group of only 31 students. This class is only offered once a year at this point.</p>	<p>This is the first semester I have looked at these questions in terms of assessing this SLO. I think I will use them again for a semester or 2 then re-evaluate whether or not I need to change the question(s) used in this assessment.</p>