

COURSE SLO ASSESSMENT REPORT, SCCDepartment: Biology Course: Biology 109H Year: 2012 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.</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 2012 -- 17/26 (65.4% 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 2012 -- 25/26 (96.2% 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 2012 -- 13/26 (50.0% correct)</p>	<p>The characteristics of life are a common theme used throughout the course. These questions test whether the students understand the basics of each of the general characters but giving them a situation. Each question has a key word that helps them to identify the correct answer. In question #1 and #3 I think the students still did not understand the key words to help them with the answer. Students clearly understood question #2.</p>	<p>I think the numbers look pretty good. I may try to give the students some practice questions along the way as homework so they can see how to answer some of these questions correctly. For the honor's section, their homework and quizzes are more of the written type versus the multiple choice they get on 2/3 of their exams.</p>