

COURSE SLO ASSESSMENT REPORT, SCC

Department: Biology Course: Biology 109 Lab

Year: 2009 Semester: Fall

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>A. Employ (Apply) the steps of the scientific method to conduct laboratory investigations.</p>	<p>3 short answer questions on the practical exam- to be given in each lab section. 65% correct expected for C question, 20% correct for B question and 10% correct for A question</p>	<p>1. In the scientific method, what does the experiment test? (C level) F09: 30/30 full correct; section 27/27 sections 42/46 21/23; 17/20 full; 1/22, 2/20 half credit</p> <p>2. For the skin temperature experiment you conducted, list 2 variables that could influence your conclusion. (B level) F09 28/30 full 2/30 half section 26/27 sections 39/46 18/22; 10/20, (5/20 half)</p> <p>3. How could you change the experiment in order to eliminate the variables you listed? (A level) F09 24/30 correct section 25/27 sections 40/46 correct 20/22; 18/20 correct</p>	<p>Acceptable levels of understanding for all questions. The A question, as expected is a little more difficult for students to comprehend but, nevertheless, a majority of students do understand how to manipulate an experiment in order to control for variables.</p>	<p>The teaching of the scientific method appears to be satisfactory. We should move on and assess the other SLO.</p>