

**Course SLO ASSESSMENT REPORT, SCC**

Department: Mathematics Course: 080

Year: 2013 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><b>SLO 3</b> Set up and solve word problems involving linear, quadratic, rational, radical, exponential and logarithmic expressions, or systems of linear equations (2 or 3 variable)</p>	<p>-Use 0-4 scale for 2 application problems from part 2 of the math 80 final from Spring 2013. Random samples of 6 exams from each section will be studied. 0= Blank 1= Some mathematical knowledge of the applications problem. 2= Correct set up of the problem (correct equation) 3= Mostly correct except maybe calculation error. 4= Correct set up and solution.</p>	<p>0: 67 1: 47 2: 6 3: 10 4: 28  Mean = 1.27  24% scored 3 or 4  27.8% scored 2 or higher</p>	<p>The data seems to indicate that students completing math 80 are not proficient in solving application problems. Only 27.8% of students could set up the application problems and only 24% were able to mostly complete the problems correctly.</p>	<p>The problems that were assessed are standard questions. At some point during the semester, many student are able to complete the problems correctly, however lose this ability as the semester progresses. Students need to be urged to review materials regularly throughout the semester. This will help a great deal. Also, students need to utilize resources better.</p>