

COURSE SLO ASSESSMENT REPORT, SCC

Department: Mathematics Course: Math N48

Year: 2012 Semester: Fall

1) Outcomes 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>1) Recognize, read and apply algebraic vocabulary and symbols.</p> <p>2) Perform algebraic operations on polynomials and solve basic linear equations.</p> <p>3) Model real world situations with appropriate mathematical notation and interpret solutions.</p>	<p>In 8 sections of N48, we used a 3 point rubric to grade the word problems from the final. We hope for 70 % of students mastering* the word problems.</p> <p>Rubric – 3 = Set up equation and find the correct solution 2 = Set up correct equation and some steps shown 1 = Some steps shown, but not complete solution 0= Blank or off track</p> <p>*Mastered = 2 or 3 on the rubric</p>	<p>5 sections of N48 (out of 10) with 10 students from each section = 50 students</p>	<p>84% of the students mastered the Translation question (#54). 46% mastered the Perimeter question (#55). 40% mastered the third question either Age or Coin (#56) Average was 56.7% of questions were mastered</p> <p>50% (25/50) of the students mastered at least 2 of the three problems.</p>	<p>We were no where close to having 70% of the students able to master 2 of the 3 word problems on the final exam. To increase our percentage – we will let the instructors of Math N48 know about the importance of word problems and how we are doing, but could do quite a bit better.</p> <p>These findings show how from semester to semester the teaching styles and students can vary. We need to make changes to how word problems are stressed. We fell from 68% in Fall 2010 to 50% in Fall 2012.</p>