

**PROGRAM SLO ASSESSMENT REPORT, SCC**

Department: Mathematics Course: Math N48

Year: 2011 Semester: Spring and Summer

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. 3) Make connections between solutions to linear equations with two variables and Cartesian graphs.</p>	<p>In 8 sections of N48, we used a 3 point rubric to grade the graphing linear equations from the final. We hope for 70 % of students mastering* graphing of linear equations.</p> <p>Rubric – 3 = Correctly graphed 3 linear equations 2 = Correctly graphed 2 linear equations 1 = Correctly graphed 1 linear equation 0= Blank or off track</p> <p>*Mastered = 2 or 3 on the rubric</p> <p>Questions # 35, 36, and 37 from the final exam.</p>	<p>8 sections of N48 (out of 9 – includes Summer class) with 10 students from each section = 80 students</p> <p>see attached graph of data</p>	<p>71% of the students mastered the Graphing an equation of a line questions. We had a 66.7% success rate overall with the three graphing questions while requiring that the students actually graph the equation completely correct to get credit.</p> <p>71% (57/80) of the students mastered at least 2 of the three problems.</p>	<p>We had over 70% of the students able to master 2 of the 3 graph the equation of a line problems on the final exam. There was a large difference between the classes as to their success rate – we will let the instructors of Math N48 know about the importance of graphing and how we are doing well and yet could do better.</p>

11/28/11