

## PROGRAM SLO ASSESSMENT REPORT, SCC

Department: Mathematics Course: Math N48

Year: 2011 Semester: Fall - Data

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 manipulations on polynomials, solve basic linear equations and make connections between solutions to linear equations with two variables and Cartesian graphs.</p> <p>3) Model real world situations with appropriate mathematical notation and interpret solutions.</p>	<p>In 6 sections of N48, we evaluated scantrons. Using 10 questions for SLO #1, 17 questions for SLO #2, and 3 questions for SLO #3. We hope for 70 % of students having correct answers for these SLO's.</p>	<p>6 sections of N48 (out of 8) with 154 students from all sections</p> <p>73 % correct for SLO #1, 74 % correct for SLO #2, and 50 % correct for SLO #3.</p> <p>see attached data</p>	<p>SLO #1 - The vocabulary questions on the final had 62 % correct, while the operations questions had 77 % correct which gave an overall score of 73 % correct.</p> <p>SLO #2 – The expressions questions had 82 %, the exponent q's had 65 %, the solving linear equations had 81 %, and the graphing had 62 % correct which yielded an overall score of 74 %.</p> <p>SLO 3# - had a 50 % correct.</p>	<p>We had over 70% correct answers to the first 2 SLO's. However, when broken down to components – we see some large differences in understanding. The results of this assessment will be given to all N48 instructors and we will include some information on our beginning of the year material as to the importance of vocabulary, exponents , graphing and word problems.</p>

