

Course SLO ASSESSMENT REPORT, SCC

Department: Mathematics Course: 081

Year: 2011 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
1. Read, define and apply algebraic and functional vocabulary and symbols	-Random sampling of 5 exams from each section of math 081 - The question asked students to solve a double inequality and write the answer in interval and graph notation. -0-4 scale was used for data collection: 0=completely wrong or blank. 1= Started to solve the problem correctly. 2= Solved the problem correctly but did not use correct notation. 3= Did entire problem correctly except did not use one of the answer notations correctly. 4= Perfect.	0: 12 1: 9 2: 17 3: 21 4: 16 - Mean =2.27 - 21.2% perfect - 49.3% 3or better - 28% scored 1 or less	The choice of this question was to see if students could use the inequality symbols correctly and understand their connection between different notations for solution sets. Only about half of the exams sampled showed acceptable knowledge of the use of these symbols. We would like to have this percentage rise in the future.	I would say that we need to continue motivating students to review old material and begin their preparation for exams earlier. We can make efforts to focus on the use of correct symbols, vocabulary and notation.