

PROGRAM SLO ASSESSMENT REPORT, SCC

Department: Mathematics Course: 081

Year: 2010 Semester: Fall

rec'd 5/11/11

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
2. Evaluate and perform algebraic operations on rational, radical, exponential and logarithmic expressions	-Random sampling of 5 exams from each section of math 081 -Solving a radical equation was the problem chosen. -0-4 scale was used for data collection: 0=completely wrong or blank. 1= Did square both sides of equation but nothing else was correct. 2= Solved the problem correctly except for careless/minor errors 3=Correct except did not cross out the solution that does not work. 4=Completely correct.	0: 19 1: 4 2: 3 3: 19 4: 36 - Mean =1.25 - 24.5% perfect - 31.4% set up correctly - 80% who set up the problem correctly finished the problem correctly	Generally, students did much better on solving equations than the word problems assessed last semester. 68% of students did the problem mostly correct, however the problem assessed was a standard problem and 32% of students did not do better than 2 on the problem.	WE need to figure out a way to get students to prepare themselves better for exams. The questions they miss are often standard problems and the students know they are going to be on the exams.