Course SLO ASSESSMENT REPORT, SCC

Department: Mathematics Course: 070

Year: 2013 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
SLO 2- Translate the physical world via geometric concepts and the relationships between geometric figures.	-Select a question and assess all finals taken in math 070 in Spring 2013. -Students had to determine the volume of a slid box with a cone bored out of the middle. -0-4 scale was used for data collection: 0=completely wrong or blank. 1=Some knowledge of the formulas to be used was shown. 2= Appropriate set up to problem. Volume of box minus volume of cone. 3=Mostly correct except perhaps one minor mistake. 4=Completely correct.	0: 2 1: 3 2: 2 3: 0 4: 3 - Mean = 2.2 -30 % perfect - 30 % 3 or better -50 % had no idea of how to even set up the problem.	This is a very small sample since we only have one section of math 70. Students did not perform well on this problem even though the picture accompanying the problem showed very clearly at least how to set up the problem. Over the years, I have noticed that there is a population of geometry students who hav trouble visualizing geometric shapes even when they are drawn for them. Students need to learn this ability.	Students need more help on developing intuition for geometric shapes. They should utilize the resources offered at SCC. They can be prepared for these types of questions, they just need to get more practice on analyzing shapes (especially in 3-dimension0.