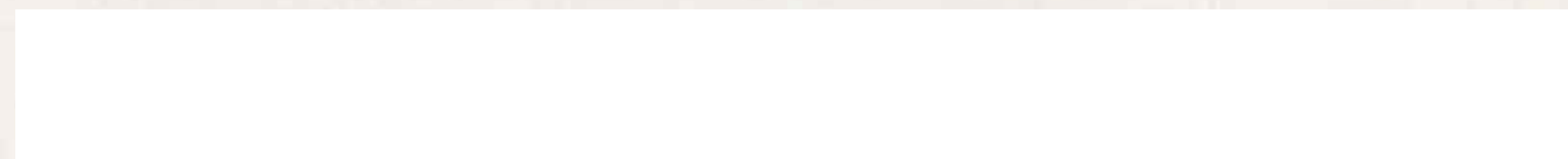


PROGRAM SLO ASSESSMENT REPORT, SCC

Department: Mathematics Course: Math 070—Geometry

Year: 2008 Semester: Fall



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
<p>Expand students deductive and inductive reasoning</p> <p>Incorporate geometric figures into problem solving</p>	<p>Three questions pertaining to constructions on the final exam. There was a progression of doing constructions for the first two questions and then synthesizing the construction with another Geometry topic (a paragraph proof in this case).</p> <p>0= nothing done correct, 1 = something appropriate for the question was done in the problem, 2= The problem was done mostly correct, 3= problem done correct.</p>	<p>Out of 11 exams, the average for the first simple construction was 2.64. The second construction had an average of 2.45. Both were basic constructions from the book without extension. The third question which required the use of the second construction and properties of congruent triangles in a paragraph explanation. The average for this question was 1.36.</p>	<p>The scores on the third question were much lower. Students seem to be having difficulty connecting the constructions with problem solving.</p>	<p>We will consider changing textbooks for next year.</p> <p>Instructors will need to emphasize problem solving.</p>