

COURSE SLO ASSESSMENT REPORT, SCC

Department: Mathematics Course: Math 140, College Algebra

Year: 2009 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>Formulate and analyze mathematical models for a variety of real-world phenomenon and use mathematical and technological tools to determine the veracity of the model.</p>	<p>1) Select 5 exams from each section of each instructor's course</p> <p>2) Score problem #10 on each exam using the attached 5-point rubric</p> <p>3) Success = 3, 4, 5</p>	<p>A total of 30 exams were scored.</p> <table border="1" data-bbox="1139 978 1615 1509"> <thead> <tr> <th>Score</th> <th>%</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>6.7%</td> </tr> <tr> <td>2</td> <td>26.7%</td> </tr> <tr> <td>3</td> <td>23.3%</td> </tr> <tr> <td>4</td> <td>26.7%</td> </tr> <tr> <td>5</td> <td>16.7%</td> </tr> </tbody> </table>	Score	%	1	6.7%	2	26.7%	3	23.3%	4	26.7%	5	16.7%	<p>A total of 66.7% of the students received a score of 1, 2, or 3.</p> <p>This is an acceptable level, but we would like to see this percentage increase.</p>	<p>1) Inform department of results</p> <p>2) Include results in information disseminated to Math 140 instructors in subsequent semesters.</p> <p>3) Write a new question that includes a specific reference to determining the veracity of the model.</p>
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