

**COURSE SLO ASSESSMENT REPORT, SCC**

Department: Mathematics Course: Math 160

Year: 2011 Semester: Spring / Summer

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>SLO #1 - Apply the six trigonometric functions, their inverse functions, the Law of Sines and Law of Cosines, identities, technological tools, and algebraic techniques to evaluate and solve trigonometric models and equations.</p>	<p>Using the department final, 6 multiple choice questions will be scored. Specifically questions 2, 8, 10, 11, 17 and 18 will be evaluated.</p> <p>Students must score 4, 5 or 6 correct answers (2/3 minimum) to be considered successful.</p>	<p>Number of students evaluated: 120</p> <p>What percent is this of the total students still enrolled in the course? All</p> <p>Total number of sections of the course: 4</p> <p>Number of sections that were involved in the assessment: 4</p> <p>If some sections were not involved, explain. N/A</p> <p>What percent of students were successful according to your earlier criteria? 41.7%</p>	<p>Is this an acceptable result? No.</p> <p>How does this compare with your expectations? This result is worse than expected.</p> <p>Did you notice any particular problem areas? No.</p>	<p>What changes were made in response to the results of the assessment? The final exam is to be re-written.</p> <p>Has there been observed improvement in the quality of student learning due to the changes? Not at this time.</p> <p>Are there plans to reassess the initial SLO? This SLO was reassessed in January.</p>

11/23/11

Class	No. Students Evaluated	No. Students Successful
Class A	35	15
Class B	29	8
Class C	25	12
Class D	31	15