

# Mt San Antonio College

Discipline/Department: Math \_\_\_\_\_ Date: April 14, 2006

Recorded by SLOs Team Coordinator: \_\_\_\_\_

Student Learning Outcomes (SLOs) Assessment Model: The purpose of this assessment process is to improve student learning outcomes.

Mission & Goals	Intended Outcomes  22-Oct-04	Means of Assessment and Criteria for Success  19-Nov-04	Summary of Data Collected  16-Sep-05	Use of Results  14-Apr-06
<p>To provide quality transfer... programs that prepare students with the knowledge and skills needed for success in an interconnected world.</p>	<p>Students will be able to</p> <ol style="list-style-type: none"> <li>1. demonstrate the thinking skill of accurate self-assessment</li> <li>2. feel more confident in their ability to solve word problems</li> <li>3. feel that mathematics is a beneficial part of their education</li> </ol>	<ol style="list-style-type: none"> <li>1. At least 85% of a random sample of Math 71/71B students in 1/3 of the class offered will indicate a "D" level (agree) or higher on all three questions on a survey created by faculty and administered by full and part-time faculty in their classes in the 15<sup>th</sup>/16<sup>th</sup> week of the semester, May, '05. Results will be compiled and evaluated by the SLOs committee. Data from Math 50 and 51 will also be taken for the group's interest. The results will be presented to the department to determine key findings and use.</li> <li>2. At least 78% of ... (see above)</li> <li>3. At least 90% of ... (see above)</li> </ol>	<ol style="list-style-type: none"> <li>1. 75% of students scored at "D" or higher. Results may be questionable because of format of assessing that was used (survey). Good SLO, but need a better instrument for assessing.</li> <li>2. 64% of students scored at "D" or higher. Dept. decided that the "feeling" based data from a survey would be more meaningful if coupled with a "performance" based assessment.</li> <li>3. 72% of students scored at "D" or higher. An acceptable number for meeting standard. Satisfied with these results.</li> </ol>	<ol style="list-style-type: none"> <li>2. Math team developed a problem, rubric and accompanying questions for measuring both ability and confidence.</li> <li>3. Handouts (outlines of levels of math required in various majors and applications of math across the disciplines) have been made available to faculty who were troubled by the results of the survey.</li> </ol>