

Assessment Report Math 219

All SLOs should be assessed at least once within a three-year cycle. A complete assessment cycle includes: gathering assessment data, analyzing assessment data, sharing results within the department or discipline, and reporting results. In the matrix below, indicate the term in which each of your course SLOs will be assessed (inclusive of the entire assessment cycle).

SLO	Data Gathered	Data Analyzed	Data Shared Improvement Dialogue	Results Reported	Changes Implemented
<p>SLO 1 To read and critically analyze the validity of a statistical statement by considering how the data was obtained and the appropriateness of the statistical methods used.</p>	<p>SPRING 11 16 multiple choice questions</p>	<p>Fall 11 69.7% correct This is .1% drop from previous year. Three questions had low scores but improved a minimum of 10% over previous semester. The reworded questions improved 26%. The overall scores dropped because several other problems dropped in value. I attribute this to variability of data.</p>	<p>Fall 11 We felt good about the increase in the percentages for the three improved questions</p>	<p>Fall 11 Results were reported to the Department and Assessment office</p>	<p>Spring 12 Instructors will be asked to continue to stress the concepts of the two questions missed as before. Methods of testing need to be taught better.</p>
<p>SLO 2 Know how to collect data from a population and represent it in an organized visual manner.</p>	<p>SPRING 11 8 Multiple choice One free response question</p>	<p>FALL 11 72.8 % correct responses . This is 6.2% increase over the previous semester. Only one question had a low</p>	<p>Fall 11 It appears the wording change helped increased scores</p>	<p>Fall 11 Results were reported to the Department and Assessment office</p>	<p>Spring 12 The methods of collecting data and proper method for representing quantitative data need to be</p>

		<p>success rate but an improvement of 21% over the previous semester. It appears the wording change helped.</p> <p>85% drew a comparison graph correctly. 78% scored 3 or higher on a 4 point rubric.</p>			<p>presented better</p> <p>We see no need for any changes to these questions at this time.</p>
<p>SLO 3</p> <p>To read and interpret data represented in a chart or graph</p>	<p>SPRING 11</p> <p>16 Multiple choice test questions</p>	<p>FALL 11</p> <p>73.2 % correct responses for SLO 3</p> <p>This is an improvement of 6.7% increase over the previous semester. One questions had a high failure rate.</p>	<p>FALL 11</p> <p>We discussed changing the one question with the high failure rage</p>	<p>Fall 11</p> <p>Results were reported to the Department and Assessment office</p>	<p>Spring 12</p> <p>Changes will be made for Spring 12</p>