

**PROGRAM SLO ASSESSMENT REPORT, SCC**

Department: Mathematics Course: Math 219H Statistics and Probability

Year: 2011 Semester: Fall 2010

rec'd 9/1/11

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>A 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>B Know how to collect data from a population and represent it in an organized visual manner.</p> <p>C To read and interpret data represented in a chart or graph.</p>	<p>16 Multiple choice test questions</p> <p>8 Multiple choice</p> <p>One free response question</p> <p>16 Multiple choice test questions</p>	<p>63.7 % correct responses for SLO A</p> <p>66.7 % correct responses for SLO B</p> <p>78% drew a comparison graph correctly. 60% scored 3 or higher on a 4 point rubric.</p> <p>66.5 % correct responses for SLO C</p>	<p>This is 3.5% drop from previous year. Two questions had a very high failure. Two questions had a high failure rate</p> <p>This is 3% drop from the previous semester. One question had a high failure.</p> <p>This is a 2.5% drop from the previous semester for SLO B</p> <p>This is an improvement of 5% drop from the previous semester. 4 questions had a high failure rate.</p>	<p>Instructors will be asked to stress the concepts of the two questions missed. One of the questions will be reworded. Methods of testing need to be taught better</p> <p>The methods of collecting data and proper method for representing quantitative data need to be presented better. Change the wording of one question.</p> <p>Concept of at least in probability needs to be covered better</p>