

**PROGRAM SLO ASSESSMENT REPORT, SCC**

Department: Mathematics Course: Math 150-Business Calculus

Year: 2008 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>Apply appropriate critical thinking, analytical reasoning and problem solving techniques to model real world contexts in the fields of Business, Economics, Social Sciences and Biology.</p> <p>Solve problems using differentiation and integration of single- and multi-variable functions.</p>	<p>The instructors did not use the same final exam, but tried to agree on question types beforehand. However, only one of the instructors had a question comparable to the one given in the previous assessment.</p> <p>A student was judged on their numerical accuracy and then on their interpretation. They were either successful or unsuccessful.</p>	<p>14/15 = 93% had correct numerical result (Compared to 26.2% in spring 08)</p> <p>5/15 = 33% interpreted correctly (Compared to 26.2% in spring 08)</p>	<p>Because of the new textbook, it had been expected that the interpretation would be much better and the numerical result might not be as good. Though both improved, the numerical portion improved by much more.</p> <p>This was a small sample, so it is difficult to draw definite conclusions.</p>	<p>A common final for spring 2009 was written. This will make it easier to assess.</p>