

## Cover Sheet - Planned Course Overview

- A. Planned Course Title: Calculus I                      Course Number: M311
- B. Grade level: 11-12    Level/Track:
- C. Board Approval Date: 7/15/08
- D. Instructional Time:
1. Length of course in weeks: 36
  2. Number of class periods per week: 5
  3. Length of class periods: 42 minutes
  4. Total clock hours/credit for the course: 1 credit
- E. List of the units of study within the course and estimated number of class periods or weeks allotted to each:

<u>Unit</u>	<u>Estimated Time</u>
Cartesian Plane & Functions	12 days
Limits and Their Properties	19 days
Differentiation	42 days
Applications of Differentiation	36 days
Integration	43 days
Inverse Functions	16 days
Applications of Integration	12 days

- F. The texts or major resources for the course:  
Title: Calculus of a Single Variable, 7<sup>th</sup> Ed.  
Author: Larson, Hostetler, Edwards  
Publisher: McDougal Littell  
Copyright: 2002
- G. Special Notes:
- H. Names of the committee members who developed the planned course: