SYLLABUS
Spring 2004
CALCULUS I (Math 1311-3)

Dr. Elaydi
Department of Mathematics

OFFICE:	MMS 115D	**OFFICE HOURS**:	MTR: 2:00-4:00, or by appointment
EMAIL:	*selaydi@trinity.edu*	**CLASS MEETS**:	TR: 8:30-9:45 (MMS 140)
BUS. PHONE:	(210) 999-8246		

TEXT: *Calculus sixth edition by Edwards & Penney*

COURSE CONTENTS: Calculus is a mathematical discipline that is concerned with the Analysis of problems of change and motion. It grew out of the seventeenth century investigations of Sir Isaac Newton (1642-1727) and G.W. Leibniz (1646-1716) and it serves today as the language of science, social science, economics, and many other fields of knowledge. Our goal in this course is to master the techniques and the underlying concepts of the main ideas and notions in Calculus.

In this class we will cover chapters 2-6. Chapter 2 introduces a basic concept in Calculus, namely the notion of limits. Chapters 2-4 cover the fundamentals of derivatives of functions of one variable. Chapter 5 gives a rudimentary exposition of integration. And Finally Chapter 6 will cover some applications to integration.

GRADES: There will be regular homework assignments, which will be collected three times a week, and then graded by the grader of our class. Late homework will not be accepted except in emergency circumstances. There will be three tests and a final exam. Course grades will be computed as follows:

GRADE CHART	
20% x 3 = 60%	Tests I, II, III
15%	Homework and Special Projects
25%	Final

EXAM DATES:

Exam I	Thursday, February 19, 2004
Exam II	Thursday, March 23, 2004
Exam III	Thursday, April 22, 2004
Final Exam	*Friday, May 7, 2004, 6:30-9:30 pm, MMS 170*

NOTES:
  I.   *Regular attendance is a requirement in this class. Excessive absences will result in dismissal from the class.*
  II.   *Exams will be given only at the scheduled time and no excuses will be accepted unless the student provides a clear note from a physician stating that he or she cannot take the Exam.*
  III.   *The Final will be given only at the scheduled time.*