Math 111
Calculus I
Spring 2008

Dr. Edward E. Allen, Manchester 353, Ext: 4854, allene@wfu.edu

Office Hours: MWF 2:00-3:00 (Other hours by appointment. I meet with students outside of my regular office hours frequently. Email me or talk to me after class and we can set up an appointment.)

Text: *Single Variable Calculus, Sixth Edition*, by Stewart.

Grades: The final grade in the class will be computed using a weighted average on Homework and Quizzes (15%), Aleks (10%), Exams (35%) and the Final Exam (40%). To get complete credit on any problem, complete work must be included. Work must be neat and organized to receive credit. Grades will be computed on a ten point scale (i.e., 93.33 -100 $\rightarrow$ A, 90-93.32 $\rightarrow$ A-, 86.66-89.99$\rightarrow$ B+, 83.33-86.65$\rightarrow$ B, 80-83.32 $\rightarrow$ B-, etc.).

Homework and Quizzes: Most lectures will start with a very short quiz. Quizzes will be due promptly within 2-5 minutes from the beginning of the quiz. The quiz and the amount of time available to do the quiz will be announced each day. Thus it is very important that students arrive on time every day. Late quizzes will not be accepted without prior approval. Each problem on the quizzes will be graded on a 0/1 scale. A quiz is scheduled for March 7. Homework will be due each Tuesday during the problem sessions. Late homework will not be accepted without prior approval.

ALEKS: Each student has free access to Aleks.com. Aleks.com is an interactive computer program that reviews precalculus topics. 10% of your grade will be based on your score in Aleks.com at 11:59 p.m. on February 29, 2008. You may spend as much time as you wish on the website improving your score.

Exams: The first exam is scheduled for Friday, February 15 (chapters 1, 2 & 3.1-3.3). The second exam is scheduled for Tuesday, April 8 (chapters 1, 2, 3 & 4). The final exam is scheduled for Tuesday, May 6 at 9 a.m. **Any missed exam, including the Final Exam, will result in a score of 0 without prior approval.**

Topics: We will cover the following chapters of the text: Chapter 1 (Functions and Models), Chapter 2 (Limits), Chapter 3 (Derivatives), Chapter 4 (Applications of Differentiation), Chapter 5 (Integrals) and Chapter 6 (Applications of Integration). Additional sections of the text and other mathematical topics will be discussed and tested as time permits.