

Calculus I
Math 172, Winter 2010
10:00-10:50 a.m. daily, Bouillon 102

Instructor: Dr. Jon Fassett
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Office Hours: to be announced

Text: Thomas' Calculus, Early Transcendentals, 11th edition, by Thomas, et al.

Calculator: A graphing calculator is required for the course. I will be using the TI-84 Plus.

Course Description: Math 172 is intended for students majoring in business, economics, mathematics, science, or technology. The course covers the theory, techniques, and applications of differentiation of elementary algebraic and transcendental functions.

Course Goals: Upon successful completion of the course, the student will be able to:

- utilize graphical, numerical, and algebraic techniques in solving a variety of problems relating to the concept of the derivative.
- communicate verbally and in writing one's understanding of mathematical concepts to others.

Course Policies:

Attendance: Daily attendance is expected and considered necessary for success. Please bring the text and a calculator to each class meeting. You are responsible for any announcements made during class regarding homework, quizzes, and exams.

Homework: Daily homework will be assigned but not collected. As the assigned problems will form the basis for exams, it is to your advantage (and responsibility) to keep up with the homework.

Exams: There will be three 100-point exams announced in advance. If you miss an exam and have not made prior arrangements with me, a score of "0" will be recorded. If you miss an exam due to illness you (or someone) must contact me the day of the exam.

Final Exam: There will be a comprehensive 150-point final exam.

Course Grade: Total points for your course grade will be based upon the following:

Three exams (100 points each)	300 points (67%)
Comprehensive Final	<u>150 points</u> (33%)
Total	450 points

Course grades will be assigned based upon the following scale:

100-93% = A	79.9-77% = C+	below 60% = F
92.9-90% = A-	76.9-73% = C	
89.9-87% = B+	72.9-70% = C-	
86.9-83% = B	69.9-67% = D+	
82.9-80% = B-	66.9-63% = D	
	62.9-60% = D-	

I reserve the right to adjust the above scale (in the student's favor) if deemed appropriate.

Students with special needs or disabilities that may affect their ability to access information or material presented in this course are encouraged to contact the Director of Disability Support Services at 963-2171 (TTD 963-2143).