

PreCalculus I
Math 153, Fall 2006
10:00-10:50 daily, Bouillon 144

Instructor: Dr. Fassett
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Office Hours:

Text: PreCalculus: A Problems-Oriented Approach, Sixth Edition, by Cohen.

Calculator: A graphing calculator is required for the course. I will be using the TI-83.

Course description: This course is the first in a sequence of two courses on precalculus. Math 153 is a foundational course which stresses those algebraic and elementary function concepts together with manipulative skills essential to the use of elementary functions. We will cover the first five chapters of the text.

Course Goals: Upon successful completion of the course, the student will be able to explain and analyze the various features of linear, quadratic, exponential, and logarithmic functions. In particular, students will demonstrate a basic understanding of the following topics: functions and their graphs; inverse functions; rates of change and exponential growth; solve linear, quadratic, exponential, and logarithmic equations algebraically, graphically, and numerically.

Course Policies:

Attendance: Daily attendance is expected and considered necessary for success. It is your responsibility to find out what was covered on days you are absent. Please bring the text and a calculator to each class meeting. You are responsible for any announcements made during class regarding course schedule, homework, quizzes and exams. **Please turn off your cell phone before you enter the classroom.**

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

Quizzes: There will be five weekly quizzes (on non-exam weeks) based upon the assigned homework. Each quiz will be worth 15 points.

Exams: There will be two 50 points exams and two 100 points exams. A 125 points comprehensive final exam is scheduled for **Wednesday, December 6, 4:00-6:00**. If you miss an exam and have not made prior arrangements with me, a score of "0" will be recorded. Make-up exams will only be allowed in extreme cases

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

Five Quizzes (15 points each)	75 points (15%)
Function Exam 1	50 points (10%)
Function Exam 2	50 points (10%)
Chapter 4 Exam	100 points (20%)
Chapter 5 Exam	100 points (20%)
Comprehensive Final	<u>125 points</u> (25%)
Total	500 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 me and/or Robert Campbell at (Disability Support Services, 963-2171).