

**MTH 140/480 — Elementary Functions, PreCalculus
Winter 2005**

Instructor: Dan Maggio
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Office — Engineering 244; 993-1435
Office Hours — 4:00-5:15 MW, but I am usually around all day
Monday through Friday.

Class Time: 5:15 - 6:30 MW

Description: This course will introduce the student to the concept of a function and its graph. Types of functions to be covered: polynomial, piecewise, rational, exponential, logarithmic, and trigonometric.

Prereq: A "C" or better in MTH 101 or the Math Placement Exam.

Text: "PreCalculus, Graphs and Models" by Bittenger, Beecher, Ellenbogen and Penna; 2nd edition.

Calculators: You are required to have a graphing calculator and, more importantly, know how to use the graphing features on your calculator (in addition to the basic functions)! The TI-83/83 plus is recommended. The quizzes and exams will often require the use of a graphing calculator.

Material: My goal is to cover the following material:

Chapter 1, sections 1-5
Chapter 2, sections 1,3,4,5
Chapter 3, sections 1,4
Chapter 4, sections 1-6
Chapter 5, sections 1-6
Chapter 6, sections 1,2,4,5
Chapter 7, sections 1,2 (if time permits)

Exams: There will be three exams in this course: two regular exams and a final. I do not allow notes or books on the exams, but you can bring in one 4" by 6" note card. I do not drop any exam grades.

Exam 1 — Chapters 1,2; around Wednesday, February 2

Exam 2 — Chapters 3,4; around Wednesday, March 16

Final Exam — Chapters 5,6,7; Monday, April 25, 5:00 - 6:50 am

Make-Up Exams: If circumstances *beyond your control* cause you to miss an exam, I will arrange a make-up exam for you. If you miss an exam, you must call me within 24 hours of the exam or you will forfeit your chance for a make-up.

Quizzes: There will be regular quizzes (mostly in-class) in this course, about one a week. They will consist of 2-3 questions. I will drop your lowest two quiz grades. **THERE ARE NO MAKEUP QUIZZES REGARDLESS OF THE REASON, PLEASE DON'T ASK.**

Grading: Quizzes $\frac{1}{4}$ Each exam $\frac{1}{4}$

Grading Scale:

94 -100	A	87 - 89	B+	77 - 79	C+	67 - 69	D+	0 - 59	F
90 - 93	A-	83 - 86	B	73 - 76	C	60 - 66	D		
		80 - 82	B-	70 - 72	C-				

Important Dates: Monday, January 17 — University Closed. Martin Luther King Day
Week of March 7-11 — Spring Break Week.
Friday, March 25 — University Closed. Easter

Free Tutoring: There is free tutoring available in the Learning Center, Basement of the Student Union. They do much more than math and it's free. Check them out.