

THE UNIVERSITY OF TENNESSEE AT MARTIN  
DEPARTMENT OF MATHEMATICS AND STATISTICS  
FALL 2010

MATH 140- PP1 CRN 41390 COLLEGE ALGEBRA & ELEMENTARY FUNCTIONS  
INSTRUCTOR: THERESA RUSHING: I PREFER TO BE CALLED **MRS. RUSHING**.  
OFFICE: HU227 E-MAIL: [trushing@utm.edu](mailto:trushing@utm.edu) I do not check e-mail on weekends or at night  
PHONE: **881-7371**, DEPARTMENT: 881-7360

**This course, for three hours credit, meets on Mondays, Wednesdays, and Fridays from 9:12 to 10:02 at Lake County High School. I will be with you by closed circuit TV. The prerequisite is two units of high school algebra and the appropriate mathematics placement result OR completion of Math 080**

**TEXT:** *Algebra & Trigonometry*, Second Edition, John W Coburn, McGraw-Hill, ISBN: 007-808730-9

ASSIGNMENTS AND QUIZZES: Home work will not be taken up. Homework is very important. That is how you learn. If you do not do your homework, then you will fail the course. Quizzes will be given on Tuesdays and Thursdays. Cheating on a quiz will result in a grade of zero on the quiz. If a quiz is missed the succeeding test will be the makeup. All work must be done in pencil in order for the student to receive a grade.

TESTS: There will be **five tests**. **In order to receive credit, a student must do all work in pencil. Tests That are done in ink will be assigned a grade of zero.** I will use the final exam as a **makeup for a missed test**. **Cheating on a test or quiz will result in a zero on that test and may result in an F for the course.**

GRADING SCALE:	% SCALE	POINT SCALE
	90 – 100 A	720 – 800 A
	80 – 89 B	640 – 719 B
	70 – 79 C	560 – 639 C
	60 – 69 D	480 – 559 D
	Below 60 F	Below 480 F

GRADES:	Tests (5) (100 pts @)	500 (62.5%)
	Quizzes	100 (12.5%)
	Final Examination	<u>200 (25%)</u>
		800 (100%)

FINAL EXAMINATION: **The final examination for this course will be given on Monday, December 13, 2010.**

SUPPLIES: You will need pencil, paper, graphing calculator, graph paper, and the text book. If you purchase a graphing calculator, I recommend that you purchase a TI83, TI83PLUS, TI84, or TI84Plus. You will not be allowed to use a TI89 or TI92 or any calculator with algebra capabilities.

STUDENT WITH DISABILITIES: Any student eligible for and requesting academic accommodations due to a disability is requested to provide a letter of accommodation from the P.A.C.E. office or Student Academic Support Center within the first two weeks of the semester.

**HOW TO BE SUCCESSFUL IN A MATH CLASS:** The purpose of a math class is to teach you to think mathematically. Since math is a thought process, most of the burden of learning falls on the student. I expect you to be able to use the mathematical language and the symbols associated with mathematics to communicate effectively and to model mathematical procedures to answer mathematical questions successfully.

**WHAT DOES IT MEAN TO ANSWER A MATHEMATICAL QUESTION SUCCESSFULLY?**

1. The student is able to answer the question using the steps that are part of the correct procedure.
2. The student obtains the correct solution.
3. The student is able to accomplish 1 & 2 without using a guideline such as an example and without help from any other individual. In other words, the student is able to work a problem by himself/herself without looking in the book, asking the teacher for help, or copying what someone else has done.

**THE STEPS TO SUCCESS IN MATHEMATICS:** 1. Read the text and study the examples. 2. Attend class, pay attention, and take notes. 3. Review, review, review. 4. Do all the homework.

**HOW MUCH TIME SHOULD A STUDENT SPEND STUDYING MATH PER WEEK?** At least six hours.

<b>GRADE</b>	<b>NUMBER OF SUCCESSFUL PROBLEMS THAT THE STUDENT MUST WORK PER WEEK OVER ALL OBJECTIVES</b>	<b>SUCCESS RATE ON TESTS</b>	<b>SUCCESS RATE ON HOMEWORK</b>	<b>ATTENDANCE/ MISS NO MORE THAN</b>
<b>D</b>	<b>50</b>	<b>60% or more</b>	<b>60% or more</b>	<b>1 CLASS</b>
<b>C</b>	<b>75</b>	<b>70% or more</b>	<b>70% or more</b>	<b>1 CLASS</b>
<b>B</b>	<b>100</b>	<b>80% or more</b>	<b>80% or more</b>	<b>1 CLASS</b>
<b>A</b>	<b>125</b>	<b>90% or more</b>	<b>90% or more</b>	<b>1 CLASS</b>