

Pre-Calculus II
Math 154, Spring 2013
11:00-11:50 a.m. daily, Bouillon 111

Instructor: Dr. Fassett
Office: Bouillon 108C
Phone: 963-2401
Email: fassett@cwu.edu
Web Page: www.cwu.edu/~fassett/
Office Hours: 2-2:50 MTWTh

Text: Precalculus, 2nd ed, by Sullivan.

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

Course description: This course covers trigonometry with related applications and is the 2nd and final precalculus course. Although “trigonometry” literally means “triangle measurement”, we will approach the study of trigonometry from the more modern viewpoint of functions of a real variable. It is therefore important that you are comfortable and efficient with the related concepts from Pre-Calculus I. We will cover chapters 6, 7, 8, and parts of chapters 9. Additional topics will be including as time allows.

Course Goals: Upon successful completion of the course, the student will be able to model a variety of real-world phenomena involving rotations or vibrations using trigonometric functions; explain and analyze the various features of trigonometric functions such as domain, range, graph, inverse function, trigonometric identities; solve trigonometric equations; understand and utilize the connections between trigonometric functions, polar coordinates, and complex numbers.

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 homework, quizzes, and exams.

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. You should expect to commit 10+ hours per week on average outside of class to this course.

Quizzes: There will be several multiple choice quizzes worth 20 points each that may or may not be announced in advance. Your top five quiz scores will be counted toward your course grade.

Exams: There will be three 100-point in-class exams. Either all or a portion of the exams will be multiple choice format. There will be a 150-point comprehensive final exam. 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 (20 points each)	100 points (18%)
Three exams (100 pts each)	300 points (55%)
Comprehensive Final	<u>150 points</u> (27%)
Total	550 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).