

**MATHEMATICS 142.003 MWF 12:00-12:50 Fall 2015**

Call #80220

**TEXT: PRECALCULUS, 7th Edition**

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**TESTS: Material to be covered will be Sections 1.8, 1.9, 1.10, 6.1-6.6, 7.1-7.3, 5.3, 5.4, 7.4-7.5, 8.3 and 11.1-11.5. Four tests will occur, the first in the fourth week, then about every three weeks thereafter. The Final will be comprehensive. It will be given on Friday, December 18, 8:00-10:00 am. Make-up tests will be given only in the case of an excused absence.**

**GRADING: A 90-100**

**B 80-89**

**C 70-79**

**D 60-69**

**F below 60**

**GENERAL COMMENTS: The four tests you take will comprise 60% of your grade, the Final 30%, and the homework 10%.**

**For example, Sam gets 75, 70, 88, and 83 on his four tests, and his homework average is 92%, and his Final Exam Grade is 69. His final course grade would be...[ 79(test average) x 60%] + [92 x 10%] +[69x30%]= 47.4+ 9.2 + 20.7=77.3, a course grade of C. (If the Final test grade is higher than any of your four regular test grades, it will be substituted for the lowest of those before I average those four tests). The FINAL still counts 30%).**

**You can expect the tests and Final to contain problems similar to those assigned as homework or discussed in class.**

**My office hours will be 3:00-5:00 MTWR. I hope you will make use of these to confer with me should you encounter problems or difficulties.**

**The Math Lab is usually available during class days.**

**It is staffed by personnel who are qualified to help students with precalculus. I will give you some specific hours on this lab as soon as I can. It is located in Binnion 328.**

**It is expected that you will be regular and punctual in your attendance.**

#### **STUDENT LEARNING OUTCOMES:**

**Students will understand the basic algebraic concepts of inequalities, conics, and formulas for lines. They will comprehend and use the six trigonometric functions to include identities, graphing, problem solving, radians, Law of Sines, Law of Cosines, and DeMoivre's Theorem.**

**Requests for students with disabilities for reasonable accommodations must go through the Academic Support Committee. For more information, please contact the Office of Student Disability Resources & Services, Gee Library, Room 132, (903) 886-5835 or 5150.**

All students enrolled at the University shall follow the tenets of common decency and acceptable behavior conducive to a positive learning environment.” (See Student’s Guide Handbook, Policies and Procedures, Conduct)

### **Areas of Core Curriculum-----**

**Critical Thinking: Students will be able to analyze, evaluate, or solve problems when given a set of circumstances or data.**

This common core learning objective will be assessed on the tests using key questions that will exhibit critical thinking.

**Communications: In written, oral, and/or visual communication, A&M-Commerce students will communicate in a manner appropriate to audience and occasion, with an evident message and organizational structure.**

This common core learning objective will be assessed using class discussions and verbal quizzes on homework assignments.

**Empirical and Quantitative Skills: Students will be able to understand and utilize mathematical functions and empirical principles and processes.**

This common core learning objective will be assessed using regular tests in class and the Final Exam.

### **Weekly Schedule**

- 1....1.7, 1.8,
- 2....1.10, 6.1,
- 3.. 6.2, 6.3
- 4....Test I, 5.3
- 5...,5.4, 6.4
- 6.. 6.5, 6.6
- 7....Test II
- 8....7.1, 7.2
- 9....7.3,
- 10...Test III
- 11...7.4, 7.5
- 12...8.3, 11.1
- 13...11.2, 11.3
- 14...11.4, Test IV
- 15...Review
- 16...Final

**HOPE YOU ENJOY THE COURSE !**