

**Math 179.002- US Math Application/ Philosophy (2:00 MWF)  
Fall 2012**

**Text: Mathematics: Practical Odyssey, 7<sup>th</sup> Edition, 2012**

**(It is strongly recommended that you obtain a scientific calculator to use for the course.)**

**Author: Johnson**

**Instructor: Mr. Heath, Binnion 311, Phone (903)886-5946 or  
886-5157 (Secretary); or e-mail: [john.heath@tamuc.edu](mailto:john.heath@tamuc.edu)**

**Tests: Material covered during the session will be Chapter 5, Sections 7.1 and 7.2, 8.1-8.5, 9.1-9.3, 10.0-10.2, 11.2, 11.4, 12.0, 12.1, and some topics regarding Archimedes, Isaac Newton, mathematical writings and philosophy.**

**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 Monday, December 10, 2012, 1:15-3:15 p.m. 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.**

***You are not allowed to drop this math course and you must be continually enrolled in a college level math course until you have completed that requirement. Grades for Freshmen will be reported to the Registrar at the end of four weeks of class.***

**Roll will be taken in every class.**

**My office hours will be 3:30-5:30 MWTRF. 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 most of whom are qualified to help students with Math 179 for the first couple of weeks, but after that the material may be unfamiliar to them. 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.**

**Students with Disabilities:**

The Americans with Disabilities Act (ADA) is a federal anti-discrimination statute that provides comprehensive civil rights protection for persons with disabilities. Among other things, this legislation requires that all students with disabilities be guaranteed a learning environment that provides for reasonable accommodation of their disabilities. If you have a disability requiring an accommodation, please contact:

**Office of Student Disability Resources and Services**  
**Texas A&M University-Commerce**  
Gee Library  
Room 132  
Phone (903) 886-5150 or (903) 886-5835  
Fax (903) 468-8148  
[StudentDisabilityServices@tamuc.edu](mailto:StudentDisabilityServices@tamuc.edu)

**EARLY INTERVENTION FOR FIRST YEAR STUDENTS:**

- **Early intervention for freshmen is designed to communicate the University's interest in their success and a willingness to participate fully to help students accomplish their academic objectives. The university through faculty advisors and mentors will assist students who may be experiencing difficulty to focus on improvement and course completion. This process will allow students to be knowledgeable about their academic progress early in the semester and will provide faculty and staff with useful data for assisting students and enhancing retention. Grade reports will be mailed by the end of the sixth week of the semester.**

**STUDENT LEARNING OUTCOMES:**

*Students will practice and understand interest problems, to include annuities and amortization situations. Students will understand various topics to include number systems other than base ten, area and volume, trigonometric and logarithmic concepts, and historical perspectives on great mathematicians like Archimedes and Sir Isaac Newton.*

*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)*

**HOPE YOU ENJOY THE COURSE !**