TEXARKANA COLLEGE

Syllabus: Calculus 1
Course Number: Math 2413
Semester & Year:
Instructor Information
        Name: Tony Hartman
        Office: BCT 40
        Telephone: 903-823-3314
        E-mail: tony.hartman@texarkanacollege.edu
        Office Hours: See separate schedule

Textbook Information
"Calculus: Early Transcendentals", 2nd Edition, by Briggs, Cochran, & Gillett
http://www.mypearsonstore.com/bookstore/calculus-early-transcendentals-plus-new-mymathlab-with-0321965167
"MyMathLab" online resource
A graphing calculator (preferably a TI84)

Student Learning Outcomes for the Course
1. Develop Solutions for tangent and area problems using the concepts of limits, derivatives, and integrals.
2. Draw graphs of algebraic and transcendental functions considering limits, continuity, and differentiability at a point.
3. Determine whether a function is continuous and/or differentiable at a point using limits.
4. Use differentiation rules to differentiate algebraic and transcendental functions.
5. Identify appropriate calculus concepts and techniques to provide mathematical models of real-world situations and determine solutions to applied problems.
6. Evaluate definite integrals using the Fundamental Theorem of Calculus.
7. Articulate the relationship between derivatives and integrals using the Fundamental Theorem of Calculus.

Student Requirements for Completion of the Course and Due Dates
Attend class required amount of time (see attendance policy). Complete homework assignments in MyMathLab by the due date (see schedule). Take chapter tests in class (see schedule). Take comprehensive mid-term test and two part final exam in class (see schedule).

Student Assessment (state how you are going to determine their course grade)
        6 Chapter tests – 60%
        36 Homework – 20%   (Lowest 3 scores dropped)
        3 Final Exams – 20%

Grading Scale

A	90-100	**B**	80-89	**C**	70-79	**D**	60-69	**F**	59-below

Class Schedule

See separate schedule.

Attendance Policy

Every student is allowed 8 absences (10% of the class). Three tardies will count as one absence.

Make-up Policy

Homework assignments may be submitted within 10 days after the due date for reduced credit (10% per day). Any chapter tests missed for sufficient reason may be made up during the last week of class. ALL work is due by the last day of classes *before final exam week*.

Academic Integrity Statement

Scholastic dishonesty, involving but not limited to cheating on a test, plagiarism, collusion, or falsification of records will make the student liable for disciplinary action after being investigated by the Dean of Students. Proven violations of this nature will result in the student being dropped from the class with an "F".

This policy applies campus wide, including TC Testing Center, as well as off-campus classroom or lab sites, including dual credit campuses. This information can be found in the Student Handbook at https://texarkanacollege.edu.

Disability Act Statement:

Texarkana College complies with all provisions of the Americans with Disabilities Act and makes reasonable accommodations upon request. Please contact Larry Andrews at 903.823.3283, or go by the Recruitment, Advisement, and Retention Department located in the Administration building for personal assistance.

If you have an accommodation letter from their office indicating that you have a disability which requires academic accommodations, please present it to me so we can discuss the accommodations that you might need for this class. *It is best to request these changes at the beginning if not before the start of class* so there is ample time to make the accommodations..

Financial Aid:

Attention! Dropping this class may affect your funding in a negative way! You could owe money to the college and/or federal government. Please check with the Financial Aid office before making a decision.