



Syllabus: Calculus for Business and Social Sciences

Course Number: Math 1325

Semester & Year:

Instructor Information

Name: Tony Hartman

Office: BCT 40

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Office Hours: See separate schedule

Textbook Information

“College Mathematics for Business, Economics, Life Science, and Social Science”, 12th Edition, by Barnett, Ziegler, Byleen

“MyMathLab” online resources

<http://www.mypearsonstore.com/bookstore/product.asp?isbn=0321614003&xid=PSED>

Student Learning Outcomes for the Course

1. Apply Calculus to solve business, economics, and social science problems.
2. Apply appropriate differentiation techniques to obtain derivatives of various functions, including logarithmic and exponential functions.
3. Solve application problems involving implicit differentiation and related rates.
4. Solve optimization problems with emphasis on business and social science applications.
5. Determine appropriate technique(s) of integration.
6. Integrate functions using the method of integration by parts or substitution, as appropriate.
7. Solve business, economics, and social science applications problems using integration techniques.

Student Requirements for Completion of the Course and Due Dates

Homework assignments are to be completed in the online resource *MyMathLab* according to the accompanying schedule. Chapter tests are taken with *MyMathLab* in the TC Testing Center according to the accompanying schedule. The Final Exam is taken in the classroom according to the Campus-wide schedule

Student Assessment

24 Homework – 20% (Lowest 3 scores are dropped)

5 Chapter Tests – 60%

1 Final Exam – 20%

Grading Scale

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

Every student is allowed 4 absences. Three tardies will count as one absence. There will be a roll sheet to sign for every class. To be counted present, students must sign the roll sheet the day of the class. Students may be dropped for excessive absences.

Make-up Policy

There is a 10 day window after the due date in which to complete each homework assignment (except for the last ones). Scores are automatically reduced 10% per day beyond the due date. Students not taking a chapter test at the scheduled time may meet with the instructor to arrange for a make-up test for reduced credit during the last week of class. ALL work is due by the last regular class date *before final exam week*.

Conduct Policy

There will be a zero tolerance policy for any behavior that is disruptive of classroom learning. This includes ANY use of vulgar language or rude behavior toward instructor or any other student in the class.

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.