

TEXARKANA COLLEGE

Syllabus: Business Calculus

Course Number: Math 1325

Semester & Year: Spring 2014

Instructor Information

Name: Tony Hartman

Office: PS Office 9

Telephone: 903-823-3314

E-mail: tony.hartman@texarkanacollege.edu

Office Hours: M-Th 11:00-11:30, MW 2:00-3:30, F 8:30-10:30

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 differentiation rules to find derivative of polynomial, radical, exponential, logarithmic and composite functions..
2. Use derivative rules to find marginal cost, revenue and profit for polynomial and exponential functions.
3. Find indefinite integrals for polynomial, exponential, and composite functions.
4. Use the definite integral to find the area between two graphs.
5. Use the definite integral to find index of income distribution.
6. Use the definite integral to find total income from continuous income stream.
7. Use the definite integral to find consumers' and producers' surplus.

Student Requirements for Completion of the Course and Due Dates

Homework assignments are in the online resource MyMathLab. Chapter tests are taken in the Testing Center BY the due date. The Final Exam is taken in the classroom according to the Campus-wide schedule.

Student Assessment

25 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
----------	--------	----------	-------	----------	-------	----------	-------	----------	----------

Class Schedule

See separate Schedule.

Absentee Policy

Every student is allowed 4 absences. Three tardies will count as one absence. Students may be dropped for excessive absences.

Make-up Policy

For homework, there is a 10 day window after the due date in which to complete the assignment (except for the last assignments). Scores are automatically reduced 10% per day beyond the due date.

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.