**Syllabus:** Calculus for Business and Social Sciences  
**Course Number:** Math 1325  
**Semester & Year:** Spring 2020

**Instructor Information**

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**Textbook Information**

“College Mathematics for Business, Economics, Life Science, and Social Science”, 13th Edition, by Barnett, Ziegler, Byleen

“MyMathLab” online resources

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

(I will provide study materials for you. If you would like to purchase the book and MyMathLab for extra assistance, I will provide you a code but you do not have to purchase it for my class.)

**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 Assessment**

5 Chapter Tests – 75%

Classwork & Attendance - 25%

**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.