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

**Instructor Information**

Name: Rhonda Johnson  
 Office: Texas High School room 224  
 Telephone: 903-194-3891  
 E-mail: Rhonda.johnson@txkisd.net  
 Conference: A4 and B2

**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 will be assigned daily and graded in class. Test will be given in class after each Chapter test. The Final Exam is taken in the classroom on Scantron according to the Campus-wide schedule.

**Student Assessment**

Homework – 50% (Lowest 3 scores are dropped)

Chapter Tests – 50%

1 Final Exam – 1/7 the or 14.3%

**Grading Scale**

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

**Absentee Policy**

Any student who misses enough class to be assigned make-up hours from TISD will be dropped from the Texarkana College rolls for excessive absences. (5 missed class periods A or B days).

**Make-up Policy**

The make-up work for TISD will be followed for this class. Any homework paper one day late will have a maximum grade of an 80, two days late will have a maximum grade of a 70, a maximum of a 50 for any papers after.

**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.