



TEXARKANA COLLEGE

Syllabus:Calculus 1

Course Number:Math 2413

Semester & Year:

Instructor Information:

Name: Dana Blackstone

Conference: 7:25-7:50

Telephone: 903-667-2422

E-mail: dana.blackstone@dekalbisd.net

Textbook Information:

“Calculus: Early Transcendentals”, 1st Edition, by Briggs and Cochran

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:

Attend class required amount of time.

Complete homework assignments on time.

Take Weekly quizzes, Chapter tests, Mid-term test and two part final exam.

I will replace a test grade prior to the mid-term exam if the mid-term grade is higher.

Student Assessment:

5 Chapter tests – 60%

Weekly Quizzes & Homework – 20%

2 Final Exams – 20%

Grading Scale:

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

See separate schedule.

Absentee Policy:

Texarkana College's absentee policy allows instructors to withdraw a student from a course due to excessive absences. Experience demonstrates that regular attendance enhances academic success.

Make-up Policy:

Same as De Kalb High School – see student handbook

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.