TEXARKANA COLLEGE

Syllabus: Calculus I

Course Number: MATH 2413

Semester & Year:

Instructor Information

Name: Robert A. Jones
Office: BCT Office 36
Telephone: (903) 278-7248
E-mail: Robert.Jones@texarkanacollege.edu
Office Hours: Will be posted on office door

Textbook Information: OPEN SOURCE –

https://legacy.cnx.org/content/col12172/1.2/pdf

Student Learning Outcomes for the Course

Upon successful completion of this course, students will:

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 or 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 and Due Dates
To complete the students must show up to class to take daily quizzes, major tests and the student must also maintain a math binder that will include all quizzes, tests, homework, handouts and a report on a mathematician. This binder will be turned in on the date of the final exam to be graded.

Student Assessment

You have the following possibilities for earning points:

(1) Daily quizzes -   10% Final Grade

(2) Math Binder -   15% Final Grade

(3) Major Tests/Mid Term -   50% Final Grade

(4) Final Exam -   25% Final

Grading Scale

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

Class Schedule
Attendance Policy
Attendance in a math class is very important, therefore a student may be dropped from math2413 if they have (3) three absentees. The student will be contacted on the second absence and a meeting will be scheduled to talk about the absentees. If the student misses one more class they may be dropped.

Make-up Policy
It is important that students attend every math class, therefore there will not be any makeup opportunities given for quizzes and test. However if a student misses a major exam the students grade on the final exam will be put in for the missing score to compute the students class average.

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 possibly 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 call 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.

Name:_____ Date:_____