Instructor: Dr Scott Gordon
Office: 212 Boyd (678-839-4134)
E-mail: sgordon@westga.edu
Office Hours: 10:00–11:00 WF, 2:30–3:30 MWF, or by appointment.
Textbook: *Calculus, Early Transcendentals, 7th Ed.*, by James Stewart. We will cover Chapters 2–5.
Course Description: Limits and continuity, rates of change, the derivative, techniques of differentiation, max-min problems, integration, the Fundamental Theorem of Calculus.
Attendance policy: If you have three or fewer unexcused absences during the semester, your lowest test score and lowest quiz score will be dropped. In order to have an absence excused, you must discuss it with me (in advance, if possible) and be able to provide documentation if requested.
Homework: I will assign homework exercises after each section. Most of these problems will not be graded, but they may appear on a quiz. I will allow some time during class to discuss the problems and I encourage you to use my office hours if you have any questions about them. I will occasionally assign a problem to be turned in for a grade. Work on these problems must be entirely your own and you may seek assistance only from me when working on them.
Quizzes: There will be ten 20-minute quizzes, worth 25 points each, consisting of problems taken from assigned exercises.
Tests: There will be four 1-hour tests worth 80 points each.
Rescheduling Tests: If you have a valid reason for missing a test or quiz, you may be allowed to reschedule, but you must make arrangements with me in advance.
Final: There will be a cumulative final exam worth 160 points on 4/29, 11:00–1:00.
Grading: Your numerical grade will be your total points (on tests, quizzes, turn-in problems, and the final) as a percentage of the total number of possible points. Your letter grade will be determined according the following grading scale: A: 88–100, B: 76–87, C: 64–75, D: 52–63, F: 0–51.
Withdrawal: February 28th is the last day to withdraw from the course with a grade of W.
Important policies: Please carefully review the information at

https://www.westga.edu/administration/vpaa/common-language-course-syllabi.php

It contains important material pertaining to your rights and responsibilities in this class, including the university’s honor code. *Any student who violates the University of West Georgia Honor Code will receive an F for the course.*
Learning Outcomes: The student will be able to

1. Compute limits
2. Use the limit definition of the derivative to compute a derivative
3. Compute derivatives of polynomial, rational, exponential, logarithmic, and trigonometric functions
4. Apply rules of differentiation to compute derivatives
5. Apply calculus to related-rate problems and max-min problems
6. Interpret definite integrals in terms of areas bounded by functions
7. Compute definite and indefinite integrals using the Fundamental Theorem of Calculus