Math 1350, Calculus 1

Welcome:

Instructor:
Office Hours:
Contact Information:
Prerequisite: Math 1050 with a grace of "C" or better, or pass the Math Placement test for 1350.
Textbook: *Essential Calculus Early Transcendentals*, Second Edition, by James Stewart.
Blackboard: All relevant course information such as homework assignments, practice exams, and your current grade will be posted in blackboard so please ensure that you have access to the class and are able to log in.

Learning Objectives:

At the end of the course a student should be able to:

1. Understand the meaning of a limit and be able to calculate limits of functions.
2. Demonstrate whether a function is continuous at a specific point.
3. Recall and recognize the limit definition of the derivative.
4. Calculate the derivative of any function.
5. Use limits and differentiation to describe the behavior and shape of functions.
6. Recall and recognize the definition of the Integral. Utilize the Fundamental Theorem of Calculus.
7. Solve basic definite and indefinite integrals using anti-differentiation and u-substitution.

Grading:

Breakdown of Weights:
Homework: 20%
Exam 1: 25%
Exam 2 : 25%
Final Exam: 30%

Homework: Homework will be assigned and posted on blackboard and is due at the beginning of class the next week. Please write your homework legibly and in order, part of your homework grade may depend on this and it makes the job of the grader easier. Late homework will not be accepted unless you have a valid reason for having missed class and documentation. Your 3 lowest homework scores will be dropped from your grade.

Administrative Information:

Calculator Policy: Calculators are not permitted on exams. Calculator use is encouraged on homework assignments as a tool to check your work. However I encourage you to try and do your homework without depending on a calculator.

Disability Services: If you are a student with a disability and believe you will need

accommodations for this class, it is your responsibility to contact and register with the Disability Services Office, and provide them with documentation of your disability, so they can determine what accommodations are appropriate for your situation. To avoid any delay in the receipt of accommodations, you should contact the Disability Services Office as soon as possible. Please note that accommodations are not retroactive, and that disability accommodations cannot be provided until an accommodation letter has been given to me. Please contact Disability Services for more information about receiving accommodations at Main Hall room 105, 719-255-3354 or dservice@uccs.edu.

Cheating: As far as homework is concerned you are welcome and encouraged to work with other students, but the work you submit should be your own (meaning you shouldn't be copying someone else's work or copying from a solution source). If a student is caught cheating on an exam they will receive a zero on that exam.

Electronics: You are more than welcome to use a laptop or tablet for class related purposes (taking notes, reading along with the book or my class notes, etc.). Other activities, such as watching video, reading unrelated articles, etc. are not and if seen doing so you will be asked to no longer bring your device to class.

Getting Help:
A Peer Assisted Study Session (PASS) component is provided in this course for all students who want to improve their understanding of the material. PASS sessions are led by a student who has already mastered the course material and has been trained to facilitate group sessions where students can meet to compare class notes, review and discuss important concepts, develop strategies for studying, and prepare for exams. Attendance at PASS sessions is free and voluntary. Students may attend as many times as they choose. Students who regularly attend PASS sessions earn, on average, a letter grade higher than students who do not attend. PASS sessions begin the first or second week of class and continue throughout the semester. A session schedule will be announced in class. For information about the program and session schedule/updates, visit us online!

The Math Center is a study space for all students on campus, whether you need a little help, a lot of help, or none at all. They have a staff of about 20 tutors who have taken at least through Calculus 3, and who have been trained to work with students one on one. The center is a great place to sit on your own or with classmates, work on homework, study for exams, review concepts from previous classes, or just check your homework answers. The Math Center is located in Engineering 233, and is open Monday Thursday 8:00 am 7:00 pm, Friday 8:00 am 4:30 pm, Sunday 11:00 am 3:00 pm, and online (to be announced). Come in, sign in, and have a seat. If you have a question, raise your hand and a tutor will come to you. You can find the schedule of tutors, and a lot more information about the center at the Math Centers webpage.