Math 1910: Calculus I
TR, 8-9:25am & F, 8-8:55am in Dunn 225

Instructor:
Conner Griffin
143 Dunn Hall
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Office Hours: 12-2:30pm TR in the MLC or by appointment. Online office hours are also available by appointment only.

Course Content: Major topics include finding limits of functions numerically, graphically, and algebraically, continuity of functions, finding derivatives using the difference quotient, power rule, sum and difference rules, product and quotient rules, and the chain rule, using derivatives to draw detailed graphs of functions and solve applications from business and science, exponential and logarithmic functions and their derivatives, graphs, and use in applications, antidifferentiation, finding both the definite and indefinite integrals, and using integrals to solve applications.

Prerequisites: One of the following criteria must be met to enroll in Math 1910:
> Both Math 1710 and Math 1720 with a grade of C- or better,
> Math 1730 with a grade of C- or better,
> A score of 76 or better on the ALEKS math assessment test.

Course Objectives: To expand students' problem solving skills with techniques from calculus. To develop students' proficiency for solving problems motivated by economics, biology, physics, and other sciences.

Course Materials: Textbook, *Calculus, Early Transcendentals Volume I*, 8th ed. by James Stewart; Student Access Code for Webassign is required.

Tutoring: Free tutoring is available through the University's Education Support Programs. They offer a drop-in tutoring service in the Math Learning Center in DH 341 and online assistance.

Disabilities: Any student who anticipates physical or academic barriers based on the impact of a disability should contact Disability Resources for Students (DRS) at 110 Wilder Tower, 901.678.2880 at the earliest opportunity. DRS coordinates access and accommodations for students with disabilities. You must give your instructor a copy of any accommodation memos provided by the DRS **within the first week of class.**

Attendance: Attendance is important. Every student is required to be in class, on time, and stay for the entire class period for each class session. If you miss class you are responsible for finding out what topics were covered.

Grading Policy: Final grades will be on a 10 point scale: 90-100%, A; 80-89%, B; 70-79%, C; 60-69%, D; and anything lower than 60% is an F. The various graded work will be weighted as follows:

5%	Attendance
5%	Participation
20%	Homework
40%	Tests (3)
30%	Final

Homework: Homework will be assigned for each section of the text and must be finished before the due date for you to receive credit.

Make-ups for Tests: If you must miss a test let me know and we can schedule a make-up exam. In extraordinary cases we may agree to re-weight the other work.

Important dates:
- First Day of Classes: **August 23, 2021**
- Labor Day: **September 6, 2021**
- Fall Break: **October 9-12, 2021**
- Thanksgiving Holidays: **November 24-28, 2021**
- Last Day of Classes: **December 1, 2021**
- Study Day: **December 2, 2021**
- Final Exam: **December 6, 2021, from 1-3pm**
    - **Note: This is a group exam with all other sections of Calculus 1. The official time that I have listed will therefore not agree with the final exam time listed by the registrar's office.**

Course Schedule: We will follow Mr. Kodipelly's course schedule as closely as possible. If we deviate from it at all I will let you know. In particular, all test dates and review dates are the same.
- Test 1 review: September 24th
- Test 1: September 28th
- Test 2 review: October 8th
- Test 2: October 14th
- Test 3 review: October 29th
- Test 3: November 2nd