

# Calculus with Analytic Geometry I

## MAC 2311 Lecture

4 Credit Hours

Summer B 2020

Instructor: Dr. Stephen Adams  
E-mail: stephen.adams@ufl.edu  
Office Hours: MTWRF Period 4 (12:30 PM - 1:45 PM)

### Lectures

Online

<u>Teaching Assistants</u>	<u>Office Hours</u>	<u>Email</u>
Robert Ferguson	TBA	rferguson94@ufl.edu

<u>Discussion Section</u>	<u>Time</u>	<u>Location</u>
4D94	TR Period 2 (9:30 AM - 10:45 AM)	Online

**Prerequisites** Appropriate score on the ALEKS placement assessment, or MAC 1147 (or its equivalent, both MAC 1140 and MAC 1114) with a C (2.0) or better.

**Course Description** MAC 2311 is the first in the three-semester sequence MAC 2311, MAC 2312, and MAC 2313 covering basic calculus. Intended topics will include functions and inverse functions, limits, continuity, differentiation of algebraic and trigonometric functions; applications of derivatives; integration and the fundamental theorem of calculus; applications of definite integrals.

MAC 2311 begins with a short review of precalculus topics. **You should already be competent in working this material.** We strongly recommend that students who are having difficulty with the precalculus review material consider first taking MAC 1147, a four credit precalculus course reviewing essential precalculus skills.

A minimum grade of C (not C-) in MAC 2311 satisfies the four credits of general education requirement and also satisfies the pure math portion of the state Writing/Math requirement.

**Courses Goals** This course will introduce students to the ideas of limit, derivative, and integral for functions of a single variable. Upon completion, students will be able to understand the theory as well as applications. The course will prepare students for MAC 2312.

**Required Materials** There are no required textbooks for this course. We will make use of a free online textbook available at [Openstx Calculus Volume 1](#). Also, in this course we will use the online platform Xronos which has been developed at UF and is supported by the Office of the Provost and the College of Liberal Arts and Sciences. Xronos is accessible through the Canvas site. More details will be given in class.

**E-Learning Canvas:** E-learning canvas, a UF course management system, is located at [elearning.ufl.edu](#). Use your Gatorlink username and password to login. All course information including your grade, course homepage, syllabus, lecture outlines, office hours, test locations, mail tool, discussion forum, free help information, etc. can be accessed from this site.

You are responsible for verifying that your grades are accurate. **You have one week after a score has been posted to contact your TA if you believe there has been a recording error. There is no grade dispute at the end of the semester.**

**E-mail** All communication between student and instructor and between students should be respectful and professional. All official class communications will be sent only to the ufl.edu addresses. Students are responsible for acquiring, checking their email accounts regularly, and any class information sent to their ufl.edu account. Please be sure to sign your name to your e-mails.

**Lectures** Lectures will be asynchronous in the form of pre-recorded videos that will be posted on Canvas. Because you are taking this course over an accelerated summer session, the course will progress at a very quick pace. It is therefore easy to fall behind and difficult to catch up. It is your responsibility to make sure that you watch all of the lecture videos in a timely manner to follow the course schedule.

**Discussion Sections** Discussion sections meet twice a week on Tuesday and Thursday. These meetings give you a valuable opportunity for open discussion of the lecture material with your TA.

Your main resource is your discussion leader. He will be available during discussion sessions to answer your questions about the course material. Your TA is responsible for grading and recording all quiz scores. You must retain all returned papers in case of any discrepancy with your course grade. As mentioned above, **you should check Canvas regularly and consult with your TA if you have any questions about recorded grades. All grade concerns must be taken care of within one week of receiving the score.**

If you have concerns about your discussion class which cannot be handled by your TA, then please contact your instructor.

**Tests** There will be four tests throughout the semester. The tests will have two parts. Part 1 will be multiple choice questions, and Part 2 will consist of free-response questions. Due to the condensed nature of this course, tests will be given weekly beginning in the second week of the semester. The tests will be taken each Friday and will be proctored online through Honorlock. Each test will be worth 15% of your final grade.

There will also be a non-cumulative final exam on the last day of class. The final exam will be all multiple choice and is worth 15% of your final grade.

The test dates are as follows:

Test 1 – Friday, July 17

Test 2 – Friday, July 24

Test 3 – Friday, July 31

Test 4 – Friday, August 7

Final Exam – Friday, August 14

**Online Homework** In this course we will be using the online platform Xronos which is free of charge and will be explained during class. Online homework assignments will be assigned daily and must be completed by the specified due date. **No assignments can be submitted after the due date.** Online homework assignments are worth a total of 15% of your final grade. There will be a total of two dropped homework grades at the end of the semester.

All assignments will have posted due dates and these due dates will not be extended under any circumstance.

Personal computer issues, will NOT be a reason to offer any type of extension.

## Quizzes

Starting in the second week of class, quizzes will be given during each discussion section. Quizzes on Tuesday will typically cover the material taught in lecture the previous Wednesday and Thursday. Quizzes on Thursday will typically cover the material taught in lecture the previous Monday and Tuesday. Quizzes will be given online via Canvas. There will be no make-ups for missed quizzes, but the two lowest quiz grades will be dropped at the end of the semester. Quizzes are worth 10% of your final grade.

## Make-up Policy

All make-up work must be arranged with your instructor.

- **Exam Conflicts - UF during Term Assembly Exam Policy** ([catalog.ufl.edu/ugrad/current/regulations/info/exams.aspx](http://catalog.ufl.edu/ugrad/current/regulations/info/exams.aspx)): “Exams may be held Monday - Friday from 8:20-10:10PM (periods E2-E3) for the fall and spring terms. If other classes are scheduled during an exam time, instructors must provide make-up class work for students who miss class because of an assembly exam. If two exams are scheduled at the same time, assembly exams take priority over time-of-class exams. When two assembly exams conflict, the higher course number takes priority. Instructors giving make-up exams will make the necessary adjustments.”

If MAC 2311 is the lower course number, students must inform their instructor in person at least ONE WEEK in advance of the exam date so that appropriate accommodations can be made. Otherwise it may not be possible to reschedule.

- **Make-up Exams** If you are participating in a UF sponsored event or religious observance, you may make up an exam only if you make arrangements with your instructor at least ONE WEEK PRIOR to the event. You must present documentation of a UF sponsored event.

**If illness or other extenuating circumstances cause you to miss an exam, contact your instructor (no later than 24 hours after the exam) by email. Then, as soon as possible after you return to campus, bring the appropriate documentation to him in Little Hall during office hours. You will be allowed to sign up to take a makeup exam at the end of the semester on TBA.**

- **Make-up Xronos HW:** There are no make-ups.

## Incomplete

Students who are currently passing a course but are unable to complete the course because of illness or emergency may be granted an incomplete grade of I which will allow the student to complete the course within the first two weeks of the following semester. See the policy on <http://www.math.ufl.edu/fac/incompletes.html>. If you meet the criteria, you must see your instructor before finals week to be considered for an I. An I only allows you to make up your incomplete work, not redo your work.

## Grading

Xronos Homework: 15%

Quizzes: 10%

Tests (15% each): 60%

Final Exam: 15%

Your final grade will rounded to the nearest hundredth and a letter grade will be given using the following grading scale:

## Grading Scale

90.00-100 A	87.00-89.99 A-	84.00-86.99 B+	80.00-83.99 B
77.00-79.99 B-	74.00-76.99 C+	67.00-73.99 C	64.00-66.99 C-*
60.00-63.99 D+	57.00-59.99 D	54.00-56.99 D-	0-53.99 E

\***Note** A grade of C- DOES NOT give Gordon Rule or General Education credit!

For those take the S-U option: 67.00-100 S 0.00-66.99 U

Approval of the S-U option must be obtained from your instructor. The deadline for filing an application with the Registrar and further restrictions on the S-U option are given in the Undergraduate Catalog.

For a complete explanation of current policies for assigning grade points, refer to the UF undergraduate catalog:

[catalog.ufl.edu/ugrad/regulations/info/grades.aspx](http://catalog.ufl.edu/ugrad/regulations/info/grades.aspx)

**NOTE: We will not review disputed points at the end of the semester. All grade concerns must be settled within one week of the return of the paper.**

## Calculators

Calculators are **NOT** permitted on exams and quizzes. Please avoid using a calculator on homework as it will not help you prepare for the exams.

## Students with Learning Disabilities

Students requesting class and exam accommodations must first register with the Dean of Students Office Disability Resource Center (DRC), [www.dso.ufl.edu/drc/](http://www.dso.ufl.edu/drc/). That office will provide a documentation letter via email to your instructor. This must be done as early as possible in the semester, **at least one week before the first exam**, so there is adequate time to make proper accommodations.

## Academic Honesty Guidelines

All students are required to abide by the Academic Honesty Guidelines which have been accepted by the University. The academic community of students and faculty at the University of Florida strives to develop, sustain and protect an environment of honesty, trust, and respect. Students are expected to pursue knowledge with integrity. Exhibiting honesty in academic pursuits and reporting violations of the Academic Honesty Guidelines will encourage others to act with integrity. Violations of the Academic Honesty Guidelines shall result in judicial action and a student being subject to the sanctions in paragraph XIV of the Student Code of Conduct. The conduct set forth hereinafter constitutes a violation of the Academic Honesty Guidelines (University of Florida Rule 6C1-4.017).

The Mathematics Department expects you to follow the Student Honor Code. We are bound by university policy to report any instance of suspected cheating to the proper authorities. You may find the Student Honor Code and read more about student rights and responsibilities concerning academic honesty at the link [www.dso.ufl.edu/sccr/](http://www.dso.ufl.edu/sccr/).

In addition, we remind you that lectures given in this class are the property of the University/faculty member and may not be taped without prior permission from the instructor and may not be used for any commercial purpose. Students found to be in violation may be subject to discipline under the Student Conduct Code.

## Evaluations

Students are expected to provide professional and respectful feedback on the quality of instruction in this course by completing course evaluations online via GatorEvals. Guidance on how to give feedback in a professional and respectful manner is available at <https://gatorevals.aa.ufl.edu/students/>. Students will be notified when the evaluation period opens, and can complete evaluations through the email they receive from GatorEvals, in their Canvas course menu under GatorEvals, or via <https://ufl.bluera.com/ufl/>. Summaries of course evaluation results are available to students at <https://gatorevals.aa.ufl.edu/public-results/>.

### Important Summer B 2020 Academic Dates and Deadlines

Classes Begin	Monday, July 6
Late Registration	Monday, July 6 - Tuesday, July 7 (11:59 PM)
Withdrawal deadline (full refund)	Tuesday, July 7 (11:59 PM)
Deadline to declare S/U	Wednesday, July 15
Withdrawal deadline (25% refund)	Wednesday, July 15
Drop deadline (no refund)	Friday, August 7 (11:59 PM)
Classes end	Friday, August 14
Final exam	Friday, August 14

Note: Information in this syllabus is subject to change. Any changes will be clearly announced through e-mail.