

# MAC 2311: Calculus with Analytic Geometry I

Fall 2020

Credit Hours: 4

Caelan Wang      xwang2@ufl.edu

Office Hours: MW Period 6, T 11am - 12:30pm, or by appointment

## Teaching Assistant Information

Name	Office Hours	Email
Ovidiu Nechita	TBA	onechita@ufl.edu
Jean Park	TBA	j.park1@ufl.edu
Rhea Shroff	TBA	rhea.shroff@ufl.edu
Sam Vancini	TBA	svancini@ufl.edu

## Class Times

Sections	Day	Period	Time
Section 185C & 1A39	MWF	3	9:35am - 10:25am
Section 4009 & 4024	MWF	4	10:40am - 11:30am
Section 6037 & 6083	MWF	5	11:45am - 12:35pm

## Discussion TAs and Times

Section	Day	Period	Time	Teaching Assistant
Section 185C	R	2	8:30am - 9:20am	Ovidiu Nechita
Section 1A39	R	4	10:40am - 11:30am	Ovidiu Nechita
Section 4009	T	2	8:30am - 9:20am	Jean Park
Section 4024	R	3	9:35am - 10:25am	Rhea Shroff
Section 6037	T	3	9:35am - 10:25am	Sam Vancini
Section 6083	T	4	10:40am - 11:30am	Sam Vancini

**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 1147, a four credit precalculus course reviewing essential calculus 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.

**Intended Learning Outcomes:** This course will introduce you to the ideas of limit, derivative and integral for functions of a single variable. Upon completion, you will be able to understand the theory as well as applications. The course will prepare you for MAC2312.

**Required Materials:** There are no required textbooks for this course. We will make use of a free online textbook available at [Openstax 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 only accessible through Canvas. More details will be given in class. Lastly, participation in class will be facilitated through the use of Zoom and Canvas. See the syllabus section on Participation for more details.

You will need regular access to a computer/device, webcam, and the internet in order to complete the required assessments and attend the required meetings for this course. If any of those materials are unavailable to you see the section on Free Help/Resources and/or contact your instructor. Personal computer/device issues will NOT be an excuse to miss class meetings and/or assessments.

**NOTE:** All times given in this syllabus and in the course are in the US Eastern Time Zone (GMT-4 during Daylight Savings (until November 1) and GMT-5 afterwards). We will try to remember to tell you the time zone of any meetings/events, but if we do not it always defaults to Eastern Time.

**E-Learning Canvas:** E-learning canvas, a UF course management system, is located at [elearning.ufl.edu](http://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.**

**Please note:** Important course information is clearly communicated in this course guide, the MAC 2311 homepage and links in Canvas, and announcements in lecture and discussion. Due to the volume of email received by the instructor and TAs, we cannot reply to each request for this well publicized information. If you cannot find your answer in the resources above, there is also a **Discussion Forum** available in Canvas. Please use this to post questions and to supply answers to your fellow students.

**Zoom:** All class meetings and office hours with your instructor or TA will be facilitated through the use of Zoom. Zoom is a meeting software allowing the use of microphones, cameras, mobile devices, and other technology to plan and take part in meetings and classes. You do not need to create a Zoom account in order to use the software. As a UF student you already have a UF Zoom account created for you using your Gatorlink login and password. You automatically have this account connected with your Canvas account and will not need to combine or connect this in any way. You will NEED to use this account to access any of the Zoom meetings in this course. If you need help with using Zoom and navigating Canvas for Zoom the UFL elearning website has helpful pdfs and videos under their Student Step-by-Step Guides at <https://elearning.ufl.edu/zoom/>.

All class meetings, discussion meetings, and office hours will be scheduled in the Zoom Conferences Tab in the Canvas course. In order to attend each class meeting and discussion

meeting you will be required to register for each collection of meetings once (once for class meetings and once for discussion). You will be sent a registration link to your UF email by your instructor or TA. Make sure that you register for the class meetings and discussion meetings swiftly so there are no last minute problems.

It will be expected of you to act cordially and present yourself well if you plan to have your video on during class/discussion meetings and/or use your microphone. The expectation is that you treat each meeting as if you are in the classroom with your instructor or TA and act accordingly. Proper use of the hand raise feature and chat is expected when the instructor or TA is talking/presenting so you do not interrupt the lecture/discussion.

**Communication:** All communication between student and instructor and between students should be respectful and professional. All official class communications will be sent only via Canvas or to your ufl.edu email 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.

**Wellbeing:** If you or anyone you know experiences any academic stress, difficult life events, or feelings like anxiety or depression, I strongly encourage you to seek support. The [Counseling and Wellness Center](#) provides a list of on-campus and local resources to support various populations.

**Diversity and Inclusion:** It is my intent that students from all diverse backgrounds and perspectives be well served by this course, that students' learning needs be addressed both in and out of class, and that the diversity that students bring to this class be viewed as a resource, strength, and benefit. It is my intent to present materials and activities that are respectful of diversity: gender, sexuality, disability, age, socioeconomic status, ethnicity, race, religion, and culture. Your suggestions are encouraged and appreciated. Please let me know ways to improve the effectiveness of the course for you personally or for other students or student groups. In particular, I will gladly honor your request to address you by an alternate/ preferred name or gender pronoun. Please advise me of this preference early in the semester so I may make appropriate changes to my own records.

**Classes:** This course will take a different form than you may be used to. I will not lecture for the whole period, if at all. You will be responsible for watching pre-recorded lectures online at the course site in Canvas **BEFORE** coming to class. We will spend most of our class time working on problems and exploring the concepts of calculus in small groups. There is a lot of research showing that students learn and retain information better in this environment. Come to class ready to participate. Once again, you **NEED** to watch the videos and do the lecture quizzes online before you come to class. If you do so, then you will ask better questions and you will perform better in the course.

**Virtual Class Statement:** Our class sessions may be audio-visually recorded for students in the class to refer back and for enrolled students who are unable to attend live. Students who participate with their camera engaged or utilize a profile image are agreeing to have their video or image recorded. If you are unwilling to consent to have your profile or video image recorded, be sure to keep your camera off and do not use a profile image. Likewise, students who un-mute during class and participate verbally are agreeing to have their voices

recorded.

If you are not willing to consent to have your voice recorded during class, you will need to keep your mute button activated and communicate exclusively using the "chat" feature, which allows students to type questions and comments live. The chat will not be recorded or shared.

As in all courses, unauthorized recording and unauthorized sharing of recorded materials is prohibited.

**Discussion Sections:** Discussion sections meet once a week on Tuesday or Thursday, depending on your section. These meetings give you a valuable opportunity for open discussion of the lecture material and assigned problems in a smaller class setting. **Attendance in discussion is required as it is where assessment of your skills will take place.** However, one period per week is generally not adequate to answer all questions. Be sure to take advantage of the opportunities outside of class for additional help.

Your main resource is your discussion leader. They will be available during office hours (or by appointment) 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 please contact your instructor.

**Exams:** Midterm exam dates are as follows:

- Monday, September 21
- Monday, October 19
- Monday, November 16

There will be three midterms throughout the semester. The midterms will consist of two parts. Part 1 will be multiple-choice questions. Part 2 of the midterm exams will consist of free-response problems. These exams are assembly exams and will take place in the evening, from 8:30 to 10:00pm. They will be available through Canvas using the Honorlock proctoring system. Availability of the exams and how to access them will be announced well in advance of each exam. Any questions should be directed to the course instructor.

The final exam is on **Saturday, Dec 12, 2020 at 10am - 12pm**. Make a note of this now and please inform any interested parties (e.g. your parents) who may be making plans for you around that time.

**Honorlock:** We will be using the Honorlock system to proctor exams this semester. Honorlock is an online proctoring service that allows you to take your exam from the comfort of your home. You DO NOT need to create an account. Honorlock is available 24/7

and all that is needed is a computer, a working webcam, and a stable Internet connection. To get started, you will need to be using the web browser Google Chrome and will need to download the Honorlock Chrome Extension. You can download the extension at [www.honorlock.com/extension/install](http://www.honorlock.com/extension/install). Please see the Honorlock Student Guide on the Homepage of Canvas for helpful instructions on how to setup Honorlock.

When you are ready to test, log into Canvas, go to your course, and click on your exam. Clicking "Launch Proctoring" will begin the Honorlock authentication process, where you will take a picture of yourself, show your ID, and complete a scan of your room. Honorlock will be recording your exam session by webcam as well as recording your screen. Honorlock also has an integrity algorithm that can detect search-engine use, so please do not attempt to search for answers, even if it's on a secondary device. Honorlock support is available 24/7/365. If you encounter any issues, you may contact them by live chat, phone (844-243-2500), and/or email ([support@honorlock.com](mailto:support@honorlock.com)).

**Online Homework:** In this course we will be using both Canvas and the online platform Xronos which is free of charge and will be explained during class. Online homework assignments include lecture quizzes which are due the day before the corresponding class and Xronos homework are due one week after the corresponding class. These assignments must be completed by the specified due date/time. There will be a total of three dropped lecture quizzes grades and three dropped Xronos 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.

**Class Participation:** Attendance in class both in lecture and discussion section is highly recommended. Students who come to class and participate are more likely to do well in the course. Participation will be a total of 8% of your grade and will be split evenly into your class attendance and the work you do during our classes. (So 4% each)

Zoom will automatically record the time you come to class and the time you leave. If you arrive more than five minutes after the start of the class period and/or leave more than five minutes before the end of the class period, you will not earn attendance credit for that day.

There will be some work for you to submit for each of our classes, including the exam reviews. You will not be checked for the correctness of the work, but rather the effort you are making on it. The solutions to the in-class work will be posted after class (if applicable).

**Discussion Quizzes:** There will be weekly quizzes (except for the first week) during your discussion, based on the homework. Quizzes make up a total of 10% of your grade. The quizzes will be administered by your TA and any questions about the grades should be directed to them.

Each discussion quiz will be on the material learned within a week. If your discussion on Tuesday, the discussion quiz will cover the class material for the Wednesday and Friday of the previous week and the Monday of the current week. If your discussion on Thursday, the discussion quiz will cover the class material for the Friday of the previous week and the Monday and Wednesday of the current week.

**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 TBD**

- **Make-up Xronos HW:** There are no make-ups.
- **Make-up class participation points:** There are no make-ups. Absences with valid and documented reasons may be excused.

**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: 7%
- Lecture Quizzes: 5%
- Discussion Quizzes: 10%
- Participation: 8%
- Midterm Exam Average (3 mid-term exams): 45%

- Final Exam: 25%

Your grade will be calculated according to the scale below.

**Grading Scale:**

90-100 A	87-90 A-	84-87 B+	80-84 B
77-80 B-	74-77 C+	67-74 C	64-67 C-*
60-64 D+	57-60 D	54-57 D-	0-54 E

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

For those take the S-U option: 67-100 S 0-67 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.**

**Additional Resources:** In addition to attending your discussion section regularly and visiting your discussion leader, lecture, or the course coordinator, during their office hours, the following aids are available.

- The Teaching Center Math Lab is a tutorial service staffed by trained math and science students to provide help with your calculus questions and homework. They are operating online this semester and information pertaining to obtaining help and understanding the layout of this semester can be found at <https://teachingcenter.ufl.edu/>. They have drop-in tutoring which is more informal and free one-on-one tutoring available by appointment. The Teaching Center Math Lab also provides videos of reviews and sample test problems. They regularly hold reviews for exams. All students are encouraged to use the Teaching Center.
- Office of Academic Support offers free one-on-one and small group tutoring sessions to an UF students. See <http://oas.aa.ufl.edu/tutoring.aspx> for details.
- Private Tutors: If after availing yourself of these aids, you feel you need more help, you may obtain a list of qualified tutors for hire at [www.math.ufl.edu](http://www.math.ufl.edu). Search "tutors".
- The Counseling Center has some informative information on developing math confidence. Go to <http://www.counseling.ufl.edu/cwc/DevelopingMath-Confidence.aspx> for information on math confidence and information on joining the Academic Confidence Group.

- Aid-A-Gator under the Office for Student Financial Affairs has resources available to help those students who need funding for unanticipated travel, additional technology requirements, or other needs that are related. More information can be found at <https://www.sfa.ufl.edu/aidagator/>.
- UF gives all students free access to the Eduroam system. Other internet connectivity options are available as well. If you are not on campus and have issues with internet connectivity and/or do not have regular access, please see the Aid-A-Gator website as well as the document outline some possibly connectivity solutions at <https://elearning.ufl.edu/media/elearning/teaching/Connectivity-Options.pdf>.

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

**Cell Phones:** Cell phones must be turned off before coming to class. Use (defined as having one physically in your hand) of a cell phone during a test or quiz will be considered contact with another person and will be viewed as a form of academic dishonesty because I cannot be assured in such a circumstance that you have not taken a picture of the test/quiz or sent a text message to someone. Thus, do not touch your cell phone during a test or quiz. **Wait until after you have left the room and are finished with the test/quiz to use it.**

**Music Players:** iPods and other music players are not to be used during class (including while taking tests and quizzes). Having one out during a test or quiz will result in a grade of zero and possible disciplinary action.

**Students with Accessibility Needs:** 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 Uni-

versity/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 Fall 2020 Academic Dates and Deadlines

Classes Begin	Monday, August 31
Late Registration	Monday, August 31 - Friday, September 4 (11:59pm)
Drop Deadline (last day for full refund)	Friday, September 4 (11:59pm)
<b>Withdrawal with 25% Refund</b>	Friday, September 25
<b>Withdrawal Deadline</b>	Monday, November 23 at 11:59pm
Classes End	Wednesday, December 9

### Holidays

Labor Day	Monday, September 7
Veteran's Day	Wednesday, November 11
Thanksgiving Break	Wednesday, November 25 - Saturday, November 28

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