

# MAC1147 – Spring 2021 Syllabus

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## CONTACT INFORMATION

The course home page is located in Canvas. Log in to Canvas at [elearning.ufl.edu](https://elearning.ufl.edu).

You can send a message to your instructor or TA using the Inbox in Canvas. This is the preferred method for communication for the class.

### Coordinator

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# 1. Introduction

## 1a. Course Content

College algebra, functions, coordinate geometry, exponential and logarithmic functions, and trigonometry. This **fast-paced course** is designed as a review of algebra and trigonometry to prepare the student for calculus. If you feel this course will be too fast paced, you can take it over two semesters by taking MAC1140 Precalculus Algebra and then taking MAC1114 Trigonometry. You have until the end of add/drop (first five days of the semester) to change your schedule.

A minimum grade of C (not C-) in MAC1147 satisfies four hours of the general education requirement and also satisfies the pure math portion of the state Writing/Math requirement.

Note: You can receive at most four credits for taking both MAC1147, and MAC1140 or MAC1114, and at most five credit hours for taking MAC1147, MAC1140, and MAC1114. After you successfully complete this course (C or better) you can advance directly to MAC2311 Calculus 1, or into MAC2233 Survey of Calculus.

This course is designed for students who intend to take MAC2311. If your goal is to take MAC2233 (for business majors), then you should consider talking to your advisor about taking MAC1140 instead of this course since there is no trigonometry requirement for MAC2233.

If you are taking this course for general education credit or the pure math portion of the Math requirement, but you do not need precalculus for your major or as preparation for calculus, you should consider taking MGF 1106, MGF 1107, or MAC1105. For more information on math courses and math advisors go to [www.math.ufl.edu/](http://www.math.ufl.edu/).

## 1b. Prerequisites

A minimum score of 50% on the ALEKS exam or prior MAC1147 credit (or higher) is required.

This course assumes prior knowledge of intermediate algebra (Algebra 2) and trigonometry. You should be able to do arithmetic without a calculator.

MAC1147 begins with a short review of high school algebra topics. You should already be competent in working this material.

## 1c. Required Materials

- ◆ This course utilizes material from two textbooks, both of which will be made available for free in Canvas. There is no textbook purchase required.
  - Precalculus, by Abramson et al. Published by OpenStax
  - Intermediate Algebra, by Carmichael et al. Published by CK-12 Foundation

## 1d. E-Learning Canvas

Canvas is the central website for our class. To access it go to [elearning.ufl.edu](http://elearning.ufl.edu) and log in with your Gatorlink credentials. All, class announcements, assignments, lecture outlines, and other information will be posted there. You are responsible for verifying that your grades are accurate.

Your grades for assignments will also be posted on Canvas. I am always happy to discuss the content of an assignment, but grade issues must be dealt with in a timely manner. **You have one week after a score has been posted to contact your instructor/TA if you believe there has been a grading or a recording error.** Grades are not eligible to be changed after that.

## 1e. Lectures

Lecture days are indicated on the calendar. Live lectures will be streamed, and prerecorded lectures are available in Canvas.

## 1f. Calculator Policy

A basic calculator will be provided on exams. You may not use any other electronic device during exams.

## 1g. Discussion Session

Your TA will hold a discussion via Zoom each week during the time indicated on your schedule. This is a time for you to ask questions, do problems, and see examples from your TA. Attendance in discussion is mandatory and will count towards your grade.

## 1h. People Who Can Help

- ◆ **Your Teaching Assistant (TA)** in the mathematics department. Your TA will hold office hours online each week. You are encouraged to join and ask questions!
- ◆ **Professor Carmichael** during office hours: Thursdays 9:30 – 12:30 via Zoom
- ◆ **Other MAC1147 TAs** (See Canvas for office hours)

## 1i. Other Help Resources

- ◆ The Teaching Center Math Lab, located at SE Broward Hall, offers free online tutoring all days except Saturday. Go to [www.teachingcenter.ufl.edu](http://www.teachingcenter.ufl.edu) to find the hours. You can also request free one-on-one tutoring.
- ◆ Math department TA's hold drop-in hours through the Teaching Center every day. You can check the schedule at [teachingcenter.ufl.edu/tutoring/tutoring-schedule/](http://teachingcenter.ufl.edu/tutoring/tutoring-schedule/)
- ◆ Students in this course are eligible for free tutoring this semester through a UF partnership with Knack, an online tutoring company. Find more information at [ufl.joinknack.com](http://ufl.joinknack.com)
- ◆ For help resolving technical issues (computer problems, Gatorlink, etc.) contact the UF Computing Help Desk at [helpdesk.ufl.edu](http://helpdesk.ufl.edu) , 352-392-help.
- ◆ Contact information for the Counseling and Wellness Center: [www.counseling.ufl.edu/cwc/Default.aspx](http://www.counseling.ufl.edu/cwc/Default.aspx) , 392-1575; and the University Police Department: 392-1111 or 9-1-1 for emergencies.
- ◆ Your well-being is important to the University of Florida. The **U Matter, We Care** initiative is committed to creating a culture of care on our campus by encouraging members of our community to look out for one another and to reach out for help if a member of our community is in need. If you or a friend is in distress, please contact [umatter@ufl.edu](mailto:umatter@ufl.edu) so that the U Matter, We Care Team can reach out to the student in distress. A nighttime and weekend crisis counselor is available by phone at 352-392-1575. The U Matter, We Care Team can help connect students to the many other helping resources available including, but not limited to, Victim Advocates, Housing staff, and the Counseling and Wellness Center. Please remember that asking for help is a sign of strength. In case of emergency, call 9-1-1.

## 1j. Success

Success in MAC1147 comes from your effort and attitude. Keeping up with the material is critical. Research has shown that it is more effective to do a small amount of math every day rather than a large amount in a single day.

Education studies have also shown that the most important factor for success in math is class attendance and participation. Students who come to class succeed much more often than those who do not.

That said, most of the learning you will do in this course will come from the work you do. Mathematics is not a spectator sport. Watching someone solve a problem is very different from being able to solve it yourself. You should expect to spend at least 12 hours per week working on this course.

## 1k. Students with Disabilities

Students with disabilities who experience learning barriers and would like to request academic accommodations should connect with the disability Resource Center by visiting [disability.ufl.edu/students/get-started](https://disability.ufl.edu/students/get-started). It is important for students to share their accommodation letter with their instructor and discuss their access needs, as early as possible in the semester.

## 1l. Academic Honesty

UF students are bound by The Honor Pledge which states, "We, the members of the University of Florida community, pledge to hold ourselves and our peers to the highest standards of honor and integrity by abiding by the Honor Code. On all work submitted for credit by students at the University of Florida, the following pledge is either required or implied: "On my honor, I have neither given nor received unauthorized aid in doing this assignment." The Honor Code located at [www.dso.ufl.edu/sccr/process/student-conduct-honor-code/](https://www.dso.ufl.edu/sccr/process/student-conduct-honor-code/) specifies a number of behaviors that are in violation of this code and the possible sanctions.

Furthermore, you are obligated to report any condition that facilitates academic misconduct to appropriate personnel. If you have any questions or concerns, please consult with the instructor or TAs in this class.

## 1m. Class Recordings

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 orally are agreeing to have their voice 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 by students or any other party is prohibited.

## 2. Exams

There will be four midterm exams as well as a cumulative final exam. Exams will be done in Canvas and will be similar in format to the weekly quizzes.

- ◆ Exams will be taken at the date and time indicated on the course schedule.
- ◆ You may take one ungraded attempt at the exam before the graded attempt at the official time
- ◆ You are responsible for material covered in the lectures, including example problems from lectures, all assigned homework problems, and all review material.
- ◆ Exams will be monitored using the HonorLock system. In order to use HonorLock you will need a web cam, the Google Chrome browser, and an isolated space where you can take your test.
- ◆ You should bring to each test **only** the following:
  - Your UF Gator One Card.
  - Pen or pencil
  - Blank scratch paper
- ◆ A basic calculator will be provided. All electronic devices, including phones, must be put away.

## 3. Grading

### 3a. Course Grade

Here is a breakdown of the items that will determine your grade in this course:

Item	Grade %	Comments
Homework	14%	Lowest two scores dropped
Quizzes	15%	Lowest two scores dropped
Discussion Attendance	8%	Up to two absences dropped
Exams	48%	Four midterm exams. One retake at the end of term
Final Exam	15%	Cumulative exam. One attempt only
Extra Credit	up to 1.5%	

Note: Some scores may not be added to Canvas until the end of the semester.

Your course grade is based on the overall percentage you earn according to the items above. Final percent scores will **not** be rounded.

- A 90%
- A- 87%
- B+ 84%
- B 80%

- B- 77%
- C+ 74%
- C 70%
- C- 67%

- D+ 64%
- D 60%
- D- 57%
- E Below 57%

Note that a grade of C- does **not** give Gordon Rule or General Education credit. A grade of C or better is required to advance to the next course.

For information on dropping courses and withdrawals go to:

[catalog.ufl.edu/ugrad/current/regulations/info/drops.aspx#drop](http://catalog.ufl.edu/ugrad/current/regulations/info/drops.aspx#drop)

For information about UF grades and grading policies go to:

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

### 3b. Lecture Participation

Live lectures will be streamed, and prerecorded lectures are available in Canvas. It is important to attend lecture, because it serves as the foundation on which you will build your knowledge.

### 3c. Homework

Each lecture has a corresponding homework assignment, which will be due two days after the lecture. Finishing these assignments is the most important activity you will do. The practice they provide will solidify the concepts introduced in the lecture.

### 3d. Quizzes

There will be a quiz each week opening on Wednesday and due Friday night. It will cover lectures from Wednesday, Monday, and the previous Friday. Quizzes are designed to be done multiple times and will present different questions for each attempt. The best of your attempts is the one that will count towards your grade. You should treat the quizzes as practice for the exams.

### 3e. Extra Credit

Each lecture/homework has a discussion board in Canvas. You may earn a bonus of up to 1.5% on your course grade through participation in these discussions. Participation includes:

- Asking a coherent mathematical question including details of your own attempts. (So “How do you do question 12?” doesn’t count)
- Providing a substantive and understandable solution to a fellow student’s question. (So “The answer is 8.” doesn’t count)

### 3f. Make-up Policies

All make-up work must be completed by noon Wednesday, April 21.

- ◆ **Exams** - If you have a conflict due to a UF sponsored event or an assembly exam in another course with a higher course number, you must bring your documentation to your coordinator at least one week (otherwise 5% penalty) before the exam to sign up for the make-up, which may be given soon after the test date or at the end of the semester.

If you miss for any other valid reason you must notify your coordinator within a week of the exam (otherwise 5% penalty). This make-up will be given at the end of the semester.

**If other classes are scheduled during your exam time**, University policy states that the assembly exam takes precedence over the evening class and the evening class instructor must provide make-up work and cannot penalize students who miss because of an assembly exam.

- ◆ **Final Exam** - There is a 10% penalty for missing the final due to negligence.
- ◆ **Discussion attendance** – You may miss up to two discussion meetings without penalty. Absences beyond two will only be excused if required by University policy.

- ◆ **Homework collection** – At the beginning of the semester you are assigned 20 Late Passes. You may use a Late Pass to extend a homework assignment deadline by 24 hours. You may extend a deadline further at the cost of more Late Passes; for example, you may use 2 Late Passes to extend a deadline 48 hours. If you use all of your Late Passes, then you will not be granted any further extensions.
- ◆ **Extra Credit** - No make-ups.
- ◆ **Absences and Make-up Work:** “Requirements for class attendance and make-up exams, assignments, and other work are consistent with university policies that can be found at [catalog.ufl.edu/ugrad/current/regulations/info/attendance.aspx](http://catalog.ufl.edu/ugrad/current/regulations/info/attendance.aspx)

### 3g. Incomplete/Concerns/Complaints

- ◆ **Incomplete:** A grade of I (incomplete) will be considered only if you meet the Math Department criteria which are found at [www.math.ufl.edu/](http://www.math.ufl.edu/). If you meet the criteria you must contact your coordinator before finals week to be considered for an I. An I only allows you to make up your incomplete work, not redo your work.
- ◆ **Concerns/Complaints:** If you have concerns/complaints about the course you may voice your concerns to the course coordinator, the Mathematics Department Associate Chair, and then the University Ombuds at [ombuds.ufl.edu](http://ombuds.ufl.edu).

## 4. Instructor 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 [gatorevals.aa.ufl.edu/students/](http://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 [ufl.bluera.com/ufl/](http://ufl.bluera.com/ufl/). Summaries of course evaluation results are available to students at [gatorevals.aa.ufl.edu/public-results/](http://gatorevals.aa.ufl.edu/public-results/).”