

MAC1147 Online – Summer C 2022 Syllabus

Instructor Contact Information

Aritram Dhar

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Office Hour Information

Office hours will be held online via zoom. The times and zoom links are posted below.

- Aritram: Wednesday Period 6 (3:30pm-4:45pm) & Thursday Period 6 (3:30pm-4:45pm)
Zoom link for Aritram's Office Hours: <https://ufl.zoom.us/j/6548347864>
- Phoebe: Tuesday Period 7 (5:00pm-6:15pm) & Friday Period 3 (11:00am-12:15pm)
Zoom link for Phoebe's Office Hours: <https://ufl.zoom.us/j/2088241149>

1. Introduction

a. Course Content

College algebra, functions, coordinate geometry, exponential and logarithmic functions, and trigonometry. This **fast-paced course** is designed as a review to prepare the student for calculus. Since the Summer C semester is only twelve weeks rather than fifteen weeks like a typical fall/spring semester, we have a large amount of material to cover in a short period of time. This is a four-credit hour course in a condensed format, so you should expect a commensurate work load. If you prefer, 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 two days of the semester) to change your schedule.

b. Prerequisite, Course Sequence, and Credit

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 and the ability to do arithmetic without a calculator.

This course is designed for students who intend to take MAC2311. If your goal is to take MAC2233, 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/.

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 to MAC2311 Calculus 1, or into MAC2233 Survey of Calculus.

c. 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

d. E-Learning Canvas

Canvas is the central website for our class with all important information available on the home page. To access it go to 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. We are 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 if you believe there has been a grading or a recording error.** Grades are not eligible to be changed after that.

e. Calculator Policy

A basic calculator will be provided on exams. No other calculator or electronic device is allowed on exams. A calculator may sometimes be needed to complete homework questions.

f. People Who Can Help

- ◆ **Your Instructors:** We will hold office hours online each week at the times listed on the first page of the syllabus. You are highly encouraged to join and ask questions!
- ◆ The Teaching Center Math Lab: located at SE Broward Hall, offers free online tutoring all days except Saturday. Go to www.teachingcenter.ufl.edu to find the hours. You can also request free one-on-one tutoring.
- ◆ Math department TA's: TA's hold drop-in hours through the Teaching Center every day. You can check the schedule at teachingcenter.ufl.edu/tutoring/tutoring-schedule/
- ◆ For help resolving technical issues (computer problems, Gatorlink, etc.) contact the UF Computing Help Desk at helpdesk.ufl.edu , 352-392-help.
- ◆ 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 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.

g. 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. Studies have also shown that the most important factor for success in math is class attendance and participation. 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. To succeed, you must be willing to put in the time and effort needed to answer questions independently.

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 open for a 36-hour window as indicated on the class schedule.
- ◆ You may take two attempts at each midterm exam during its window. The best of your scores will count.
- ◆ You may take only one attempt at the final exam.
- ◆ 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

a. 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	14%	Lowest two scores dropped
Lecture Participation	7%	No scores dropped
Exams	50%	Four midterm exams. Two attempts on each exam
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%	• B-	77%	• D+	64%
• A-	87%	• C+	74%	• D	60%
• B+	84%	• C	70%	• D-	57%
• B	80%	• C-	67%	• 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

For information about UF grades and grading policies go to:
catalog.ufl.edu/ugrad/current/regulations/info/grades.aspx

b. Lecture Participation

Lectures will be opened in Canvas on the days specified by the course calendar. 'Attendance' is required and will be taken in the form of questions asked periodically during the lecture. These will count towards your grade, and you must complete them to unlock the homework assignments.

c. Homework

Each lecture has a corresponding homework assignment, which will usually 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. Homework is due 11:59pm on Sunday of its corresponding week.

d. Quizzes

There will be one or two quizzes each week. They will cover content from the current and/or previous week's lectures. The exact lectures each quiz covers can be found on the course schedule. 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. Quizzes are due 11:59pm on Sunday of its corresponding week.

e. 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)

f. Make-up Policies

All make-up work must be completed by noon Wednesday, August 3rd.

- ◆ **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). I cannot make a full list of valid reasons to miss an exam, but a valid reason is something that is unavoidable, not an activity you can choose to partake in or not. Makeups will only be allowed if appropriate documentation is provided.

- ◆ **Final Exam** - There will be a higher grade penalty for missing the final due to negligence.
- ◆ **Homework/Quiz** – Late work will not be accepted. However, extensions may be granted if you contact an instructor prior to the deadline with a reasonable request.
- ◆ **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

g. 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/. 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.

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/. 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/. Summaries of course evaluation results are available to students at gatorevals.aa.ufl.edu/public-results/.”

5. Additional Information

a. 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. 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.

b. 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/ 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.

c. Class Recordings

Students are allowed to record video or audio of class lectures. However, the purposes for which these recordings may be used are strictly controlled. The only allowable purposes are (1) for personal educational use, (2) in connection with a complaint to the university, or (3) as evidence in, or in preparation for, a criminal or civil proceeding. All other purposes are prohibited. Specifically, students may not publish recorded lectures without the written consent of the instructor. Publication without permission of the instructor is prohibited. To “publish” means to share, transmit, circulate, distribute, or provide access to a recording, regardless of format or medium, to another person (or persons), including but not limited to another student within the same class section.

MAC1147 Summer C 2022 Online Schedule

Dates	Lectures	Quizzes	Exams
Week 1: 5/9 – 5/13	1, 2, 3	–	–
Week 2: 5/16 – 5/20	4, 5, 6, 7	Q1 (L1 - L2) Q2 (L3 - L5)	–
Week 3: 5/23 – 5/27	8, 9	Q3 (L1 - L9)	E1 (L1 - L9)
Week 4: 5/31 – 6/3	10, 11, 12, 13	Q4 (L10 - L12)	–
Week 5: 6/6 – 6/10	14, 15, 16, 17	Q5 (L13 - L15) Q6 (L14 - L16)	–
Week 6: 6/13 – 6/17	18, 19	Q7 (L10 - L19)	E2 (L10 - L19)
Week 7: 6/27 – 7/1	20, 21, 22, 23	Q8 (L20 - L21)	–
Week 8: 7/5 – 7/8	24, 25, 26, 27	Q9 (L22 - L23)	–
Week 9: 7/11 – 7/15	28, 29	Q10 (L20 - L27)	E3 (L20 - L27)
Week 10: 7/18 – 7/22	30, 31, 32, 33	Q11 (L28 - L29) Q12 (L30 - L31)	–
Week 11: 7/25 – 7/29	34, 35	Q13 (L28 - L35)	E4 (L28 - L35)
Week 12: 8/1 – 8/5	36, 37	Q14 (L36 - L37) Q15 (L1 - L37)	Final (L1 - L37)

Each week's lectures/quizzes will open at 8:00am the Monday of the week before and the homework/quizzes will be due the Sunday following the week at 11:59pm.

- For example, Week 2's lectures (L4 - L7) and quizzes (Q1 & Q2) will open on Monday 5/9 at 8:00am and will be due Sunday 5/22 at 11:59pm.

Each exam will open on Friday at noon and will be due Saturday at 11:59pm for a total of 36 hours.

- For example, Week 3's lectures (L8 - L9) and quiz (Q3) will open on Monday 5/16 at 8:00am and will be due Sunday 5/30 at 11:59pm. Exam 1 will open Friday 5/27 at noon and will be due Saturday 5/28 at 11:59pm.

All of Week 12's lectures and quizzes will be due Friday 8/5 at 11:59pm. The final will still open Friday 8/5 at noon and be due Saturday 8/6 at 11:59pm.