

# MAC 1147 - Summer C 2020

## SYLLABUS

### CONTACT INFORMATION

The course home page is located in Canvas. Log in to Canvas at <https://elearning.ufl.edu>.

You can send a message to your instructors using the Inbox in Canvas (left side). This is the preferred method for communication for the class

### Instructors

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- **Introduction**

- **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 MAC 1140 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 MAC 1147 satisfies four hours of the general education requirement and also satisfies the pure math portion of the state Writing/Math requirement. Note: A student can receive at most four credits for taking both MAC 1147, and MAC 1140 or MAC 1114, and at most five credit hours for taking MAC 1147, MAC 1140, and MAC 1114. Students who successfully complete this course (C or better) can advance directly to MAC 2311, Calculus 1 (for engineers and scientists), or into MAC 2233, Survey of Calculus.

If your goal is to take MAC 2233, Survey of Calculus (for business majors), then you might want to talk to your advisor about taking MAC 1140, Precalculus Algebra, instead of this course (which includes trigonometry) since there is no trigonometry requirement for MAC 2233.

Students taking this course for general education credit or the pure math portion of the Math requirement, and who do not need precalculus for their major or as preparation for calculus, might consider taking MGF 1106, MGF 1107, or MAC 1105. For more information on math courses and math advisors go to <http://www.math.ufl.edu/>.

- **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. Students should be able to do arithmetic without a calculator.

MAC 1147 begins with a short review of high school algebra topics. You should already be competent in working this material.

- **Required Materials**

- This course utilizes material from two textbooks, both of which will be made available for free in E-Learning/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

- **E-Learning Canvas**

Canvas is the central website for our class. To access it go to <https://elearning.ufl.edu> and log in with your Gatorlink credentials. All, class announcements, 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 an instructor if you believe there has been a grading or a recording error.**

- **Lectures**

The lectures provide the main presentation of the course material and are an important aspect of the learning process. You are responsible for learning the material missed due to an absence. It is suggested that you read the book, watch any lecture videos, and do the corresponding homework.

- **Calculator Policy**

A calculator may be used on homework, quizzes, and other "out-of-class" assignments, but not on exams.

- **Help (free)**

- **Instructors** during online office hours

- In addition to the above, the following aids are available. Check for new information about online tutoring at the teaching center locations.
  - The Teaching Center Math Lab, located at SE Broward Hall, offers free informal tutoring all days except Saturday. You may want to attend different hours to find the tutors with whom you feel most comfortable. Go to [www.teachingcenter.ufl.edu](http://www.teachingcenter.ufl.edu) to find the hours. You can also request free one-on-one tutoring.
  - The Little Hall Math Lab in room 215. Monday – Friday.
- 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”.
- For help resolving technical issues (computer problems, Gatorlink, etc.) contact the UF Computing Help Desk at <http://helpdesk.ufl.edu> , 352-392-help.
- Contact information for the Counseling and Wellness Center: <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.

- **Success**

Success in MAC 1147 depends largely on your attitude and effort. 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. Students who come to class succeed much more often than those who don't.

That said, most of the learning you will do in this course will take place outside of the classroom. 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 – four in class hours**

**and eight hours outside of class.**

It can also be very helpful to study with a group. This type of cooperative learning is encouraged, but be sure it leads to a better conceptual understanding. **You must be able to work through the problems on your own.** Even if you work together, **you must turn in your own work, not a copied solution, on any collected individual assignments.**

- **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](http://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

- **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 <http://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.

- **Testing**

See the course calendar for the dates. The cumulative final is during finals week.

- Students are responsible for material covered in the lecture notes, including example problems from lectures, all assigned homework problems, and all review material.
- There are sample exams under the Course Materials link on Canvas.
- The exams will be through Honorlock
- There will be a 48 hour window to take each exam.
- **No calculators will be permitted.**

- **Grading**

- **Course Grade**

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

<b>Item</b>	<b>Grade %</b>	<b>Comments</b>
Homework	12%	Lowest two scores dropped
Quizzes	15%	Lowest two scores dropped
Canvas Activities	3%	No scores dropped
Exams	50%	No scores dropped
Final Exam	20%	Will replace Lowest exam score
Bonus	up to 1.5%	

Note: The Canvas Gradebook is programmed to handle the drops mentioned above. Drops will appear in gray in the Gradebook and will change as you acquire more scores. 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%

For information on dropping courses and withdrawals go to:

<https://catalog.ufl.edu/ugrad/current/regulations/info/drops.aspx#drop>

For information about UF grades and grading policies go to:

<https://catalog.ufl.edu/ugrad/current/regulations/info/grades.aspx>

- **Canvas Activities**

There will be several activities in Canvas that you will do during the semester such as the syllabus quiz, contract, and self-evaluation. These are structural/pedagogical assignments that do not require content knowledge; they are designed to make sure you know the details of the course and get the most out of your study time.

- **Homework**

Homework problems for each lecture will be done through Canvas. Homework can be found under the modules tab in Canvas.

- **Quizzes**

Each homework has an associated quiz that will also be done through Canvas.

- **Bonus Points**

Participation bonus points will be given in lecture four times during the semester. There are no make-ups.

- **Make-up Policies (See section 3a to see which scores are dropped.)**

All make-up work must be completed by noon Friday, August 7.

- **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 will be given within one week of the test date.
- If you miss for any other valid reason you must notify your instructors within a week of the exam (otherwise 5% penalty). **To be eligible for a make-up you must receive credit for at least two Lecture Participation bonuses by the end of the semester.** 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.
- **Quizzes** - There are no make-ups except under the following circumstances
  - a) You are participating in a UF sponsored event, for which you must bring your documentation at least one week prior to your coordinator.
  - b) You miss at least three quizzes for which you have valid, documented reasons for your absences. You will be allowed to make up the excused absences that are in excess of two. Bring your documentation to your coordinator within one week of your third discussion quiz absence.
  - c) You miss because of a religious holiday. You must notify your coordinator within the first three weeks of the semester if you will be missing a discussion class due to a religious holiday.
  - d) You miss because of a court-ordered or military obligation – see your coordinator.
- **Bonus** - There are 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 <https://catalog.ufl.edu/ugrad/current/regulations/info/attendance.aspx>
- **Incomplete/Concerns/Complaints**
  - **Incomplete:** A grade of I (incomplete) will be considered only if you meet the Math Department criteria which are found at <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).
- **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 <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/>.”