

# MAC1140 – Fall 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).

The Inbox in Canvas is the preferred method for communication for the class.

### Coordinator

Name: Nirjal Shrestha

Office hours: TBA

Office: LIT 489

Email: [n.shrestha@ufl.edu](mailto:n.shrestha@ufl.edu)

Phone: 580-695-5882

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# 1. Introduction

## 1a. Course Description

This is MAC1140 - "Pre-calculus Algebra". This course will cover all standard aspects of pre-calculus except for trigonometry. This includes; terminology, variables, general functions, basic modeling of real world examples, translations, transformations, polynomials, radical functions, exponential functions, logarithmic functions, piecewise functions, and rational functions. A minimum grade of C (not C-) in MAC1140 satisfies three credits of the university General Education Math requirement.

## 1b. Prerequisites

MAC1140 does not require any prerequisites, but it does assume basic numerical literacy. Students should be able to do basic arithmetic without a calculator. If the pace or level of course material appears to be beyond your experience I highly suggest you look into taking MAC1105 "College Algebra" instead. You may switch courses at <https://student.ufl.edu/> during the drop-add period.

## 1c. Course Goals :

This is MAC1140 "Precalculus Algebra". The goal of this course is to provide the mechanical and conceptual tools necessary to continue on to either; Business Calculus' (MAC2233), or 'Calculus One' (MAC2311) except for trigonometry, which can be taken separately by taking MAC1114 "Trigonometry". Alternatively one can take the accelerate combined Precalculus algebra and trigonometry class MAC1147 instead of taking MAC1140 and MAC114.

## 1d. Required Materials

There are no required materials for this course; specifically there is no required textbook, clicker, or online homework code that you must purchase for this course. This course utilizes material from two textbooks, both of which will be made available for free in Canvas. There is no textbook purchase required.

- OpenStax, Algebra and Trigonometry <https://openstax.org/details/books/algebra-and-trigonometry>

## 1e. E-Learning Canvas

Canvas is the central website for our class. To access it go to [elearning.ufl.edu](https://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 if you believe there has been a grading or a recording error.** Grades are not eligible to be changed after that.

## 1f. Lectures

Lectures will be delivered through synchronous zoom meeting until September 10 and will be delivered in person. Zoom link will be available in Canvas Homepage.

## 1g. Calculator Policy

A graphing calculator and Wolframalpha are useful as study and learning tools when used appropriately, but they are not essential. I also recommend the online graphing calculator Desmos (<https://www.desmos.com>), and the app GeoGebra (<https://www.geogebra.org>) to help you as you learn the material. Keep in mind however, mathematics is a collection of ideas that are not mastered through calculator skills. No calculators are allowed on quizzes or exams.

## 1h. People Who Can Help

- ◆ **Mr. Shrestha** during office hours and the TA for MAC 1140. You are encouraged to visit the office hours and ask questions!!

## 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. 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.

## 1k. 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/](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.

## 2. Exams

There will be three midterm exams as well as a cumulative final exam. Exams will be done in class.

- ◆ You are responsible for material covered in the lectures, including example problems from lectures, all assigned homework problems, and all review material.
- ◆ You should bring to each test **only** the following:
  - Your UF Gator One Card.
  - Pen or pencil

### 3. Grading

#### 3a. Course Grade

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

Item	Grade %	Comments
Homework	15%	Lowest two scores dropped
Quizzes	15%	Lowest two scores dropped
Class Participation	5%	No scores dropped
Exams	45%	Three midterm exams.
Final Exam	20%	Cumulative exam.
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.

<ul style="list-style-type: none"> <li>• A      90%</li> <li>• A-     87%</li> <li>• B+     84%</li> <li>• B      80%</li> </ul>	<ul style="list-style-type: none"> <li>• B-     77%</li> <li>• C+     74%</li> <li>• C      70%</li> <li>• C-     67%</li> </ul>	<ul style="list-style-type: none"> <li>• D+     64%</li> <li>• D      60%</li> <li>• D-     57%</li> <li>• E      Below 57%</li> </ul>
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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. Class Participation

All the students are expected to be in the classroom either virtually (until September 10) or F2F later. It is highly recommending to get involve during class and keep yourself active and focus.

### 3c. Homework

Each lecture has a corresponding homework assignment, which will be due two days after the lecture. The practice they provide will solidify the concepts introduced in the lecture.

### 3d. Quizzes

There will be a quiz each week. The quiz will be assigned mostly during Friday towards the end of the class and it will cover lectures from the given week.

### 3e. Extra Credit

Before each exam I will provide you a set of question as a bonus point. You may earn a bonus of up to 1.5% on your course grade through completing these questions and uploading in Canvas.

### 3f. 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/)."