

# MAC1114 Trigonometry

Spring 2021

Instructor: Churni Gupta

Office: LIT 403

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Office Hours: MW 4<sup>th</sup> Period

or by appointment.

Meeting Time:

Section 074H and 6101: TR 6<sup>th</sup> Period

Section 3474 and 6106: TR 7<sup>th</sup> Period

## Course Description

This course is the sequel to MAC1140 Precalculus Algebra and serves as an introduction to Trigonometry. In this course, we will cover Chapters 4 and 5 in Larson's textbook. Topics will include a basic introduction to trigonometric functions, graphing trigonometric functions, inverse trigonometric function, and analytic trigonometry.

## Textbook

The required text for this course is: Larson, Ron. Precalculus. Cengage Learning. 7th edition (2007). ISBN: 978-0618643448 Throughout the semester, I will assign homework from the textbook. *You do not need to purchase the textbook!* Textbook resources will be provided in Canvas. The homework will prepare you for quizzes and exams.

## Homework

I will assign a total of four homework sets from the textbook that will serve as additional practice on lecture material. Check out the Assignments tab in Canvas for the specific problems required. I expect you to write out full solutions to each problem. Electronically upload your work, in Canvas, as a *single file*. You may want to make use of your phone's camera, free scanners at the library, CamScanner, and/or online PDF tools like SmallPDF.

## Quizzes

There will be 10 in-class quizzes throughout the semester with 1-3 questions each. The quizzes will generally be scheduled every Thursday and will further review material covered in class that week. The quizzes will closely resemble homework questions, so it is imperative that you keep up with homework. *The two lowest quiz scores will be dropped.*

## Exams

There will be 4 exams throughout the semester. *The lowest exam score will be dropped and there will be no cumulative final exam.* The dates of exams and other important dates can be found in the course calendar.

## Lectures

Lecture note shells can be found on the Canvas page. At the end of each week, I will post the filled in notes. There would be recorded lectures you would be able to watch at your own pace (Following the course calendar). The lectures will prepare you for the homework assignments and quizzes.

## Attendance, Late, and/or Missed Work Policies

The University attendance policy is as follows: <https://catalog.ufl.edu/UGRD/academic-regulations/attendance-policies/>

Attendance is required for this course:

- 0-3 unexcused absences 10%
- 4-6 unexcused absences 5%
- More than 6 unexcused absences 0%

*I will not accept late homework.* An excused absence will allow you to make up exams within one week. Use the following link to send verified documentation for an excused absence: <https://care.dso.ufl.edu/instructor-notifications/>

## Grading

The breakdown of the course grade is as follows (please note that I do round to the one's place, for example an 89.1% would be an 89% and thus would count as an A-):

- Attendance: 10%
- Homework (4 sets @ 5% each): 20%
- Quizzes (highest 8 @ 2% each): 16%
- Exams (3 @ 18% each): 54%

Students must earn a grade of C or higher in courses taken to fulfill the University's math requirement. The UF grades and grading policy can be found here:

<https://catalog.ufl.edu/UGRD/academic-regulations/grades-grading-policies/>

Grade	Percentage
A	90%-100%
A-	87%-89%
B+	83%-86%
B	80%-82%
B-	77%-79%
C+	74%-76%
C	70%-73%
C-	67%-69%
D+	64%-66%
D	60%-63%
D-	57%-59%
E	0%-56%

## Canvas

You can access Canvas by going to <https://ufl.instructure.com/> and then using your Gatorlink username and password to login. I will post updates, filled in lecture notes, practice exams, homework assignments, and more to the Canvas page.

## Students with Disabilities

1. Register with the Disability Resource Center (<352-392-8565>, [www.dso.ufl.edu/drc/](http://www.dso.ufl.edu/drc/)) by providing appropriate documentation.

2. Email [churnibidisha@ufl.edu](mailto:churnibidisha@ufl.edu) your accommodation letter, along with any additional information.
3. Register for the exams through the DRC (if you get extended time) to ensure testing accommodations are met.

*This should be done as early as possible in the semester. However, you can submit your accommodation letter to the instructor at any point 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 (<https://catalog.ufl.edu/ugrad/1617/advising/info/student-honor-code.aspx>) 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 of this class.

### **Campus Resources**

U Matter, We Care: If you or a friend is in distress, please contact [umatter@ufl.edu](mailto:umatter@ufl.edu) or 352 392-1575 so that a team member can reach out to the student.

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.

Sexual Assault Recovery Services (SARS): Student Health Care Center, 392-1161.

University Police Department: 392-1111 (or 9-1-1 for emergencies). <http://www.police.ufl.edu/>

### **Extra Help**

Teaching Center Math Lab: Located at SE Broward Hall. Offers free, informal tutoring:

<https://teachingcenter.ufl.edu/tutoring/>

Private Tutors: A list of qualified private tutors for hire is available on this page : [Courses – Department of Mathematics \(ufl.edu\)](#)

### **Online Course Evaluation:**

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/).