

MAC1114 Trigonometry Spring 2023 Syllabus

INSTRUCTOR INFORMATION

Instructor Phoebe Ferguson	Email phoebeferguson@ufl.edu	Office Location & Hours LIT455, D-Pi
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DESCRIPTION AND OBJECTIVES

This course is the sequel to MAC1140 Precalculus Algebra and serves as an introduction to Trigonometry. Topics include a basic introduction to trigonometric functions, graphing trigonometric functions, inverse trigonometric functions, and analytic trigonometry.

REQUIRED MATERIALS

In this course, we will be using Knewton Alta, an adaptive mathematics software that adjusts as you progress throughout the course. This software is designed to be complementary to the lectures. It is important that you purchase and register for this service as soon as possible. If you are waiting on financial aid, there is a 14-day trial period that you can use in the meantime. There are multiple registration options, but the recommended option is the \$39.95 semester-long access. To register, go to the canvas page and click on an assignment in the week 1 module to be redirected to Knewton webpage and the onboarding process. Once you have access, you can complete assignments through canvas. Linked here is the [open-resource textbook](#) we will be using.

E-LEARNING CANVAS

All course information will be posted on Canvas.

All grades are posted in the Canvas gradebook. You are responsible for verifying that those grades are accurate. You have one week after a score has been posted to contact your instructor to resolve any grade concerns. Any grade concerns must be communicated through Canvas emails due to security/privacy issues. We will not consider any grading disputes nor make any grades adjustment at the end of the semester.

TURN ON NOTIFICATIONS in your Canvas account so that you can receive timely alerts in your UF email. See the [instructions](#) for Canvas Notification settings. Check our Canvas course homepage regularly for announcements.

TENTATIVE COURSE OUTLINE

Angles and Right Triangle Trigonometry (Weeks 1-3)
The Unit Circle (Weeks 4-7)
Periodic Functions (Weeks 8-11)
Trigonometric Identities and Equations (Weeks 11-14)
Further Applications of Trigonometry (Week 15)

GETTING HELP

The instructor's office hours will be announced by the end of the first week. We encourage you to use this valuable resource to help you stay on track and succeed. You may use office hours to ask for help with homework questions, course content, or any other question related to the course. No appointment is needed, just drop in. If you are unable to attend any office hours due to scheduling reasons, or if you need to discuss private matters, contact your instructor to make an appointment. In addition to office hours, the following aids are available:

- [The Math Lab in Little 215](#) is open for drop-in assistance Monday through Friday. It is staffed by mathematics graduate students and undergraduate assistants.
- You can also request [free one-on-one tutoring](#).
- [Office of Academic Support](#) offers various other resources to any UF student that you may wish to explore.
- [U Matter, We Care](#) provides students in distress with support and coordination of the wide variety of appropriate resources. A nighttime and weekend crisis counselor are available by phone at 352-392-1575. Remember that asking for help is a sign of strength. In case of emergency, call 9-1-1.
- [UF Counseling Center](#) provides information and helps students who are experiencing test-related stress and anxiety or having any other concerns.

SUCCESS

Success in MAC 1114 depends largely on your attitude and effort.

- Engage (participate and be proactive) in class.
- Complete assignments on time. Get an early start on all assignments. If you get stuck, attend office hours for timely help. Do not let questions go unanswered.
- Keep up with the pace of the course and do not fall behind.
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We want you to be successful! Remember that you are the only person who can walk the path to your success. Your instructor is there for you, but you need to stay on top of what's going on in class and take the initiative to reach out when you need help.

Do not try to complete an assignment in one sitting; start early instead of waiting until the due date to avoid missing the deadline.

Remember that the Due Date is not the “Do Date.” DO NOT wait until the last hour to complete your assignment since internet sometimes is not reliable, and no extension will be offered due to tech issues.

GRADING

Grades will be based on the following scheme:

Category	Percentage of Grade
Xronos	30%
Quizzes	20%
Exam 1	15%
Exam 2	15%
Exam 3	15%
Attendance	5%
Total	100%

Course grades will be based on the following scale, and will not be rounded:

Letter Grade	Percentage Range
A	90% and above
A-	87% - 89.9%
B+	84% - 86.9%
B	80% - 83.9%
B-	77% - 79.9%
C+	74% - 76.9%
C	70% - 73.9%
C-	67% - 69.9%
D+	64% - 66.9%
D	60% - 63.9%
D-	57% - 59.9%
E	Below 57%

Note that to fulfill the University’s math requirement, you must earn a grade of C or higher. For more information on grades, see [UF’s Grading Policies](#).

HOMEWORK ASSIGNMENTS

All assignments will be completed through the Knewton Alta platform. Since this is such a fast-paced course it is important that you work diligently and consistently on these assignments. Since Knewton Alta is an adaptive system the quicker you show mastery the quicker the assignments can be completed. Assignment due dates are indicated within canvas and through Knewton Alta. Late assignments are accepted and incur a 5% deduction in points for each day late.

QUIZZES

We will have a quiz each week that there is not an exam. The lowest grade will be dropped.

EXAMS

We will have three exams throughout the semester whose dates are in the course calendar. These exams will be in-class. You must be present and on time the day of each exam. See the make-up policy below. These exams will be based on the homework assignments as well as the quizzes.

ATTENDANCE

It is expected that all students attend every class meeting and complete all assignments. There may be an attendance activity during class some days that will be collected for an attendance grade. To be considered in attendance on these days, you must be present (and attentive) for at least 40 minutes of class. For any exception, contact the instructor as soon as possible. See the [UF attendance policy](#).

EXTRA CREDIT

There will be no special extra credit assignments for individual students, so please do not ask. There is no guarantee there will be any extra credit at all; however, the instructor reserves the right to offer extra credit if they find it appropriate. Any possible extra credit will be announced via Canvas and will be available to everyone.

MAKE-UP POLICIES

All make-up work must be approved by the instructor, and you must provide documentation of your absence.

- **Make-up Exams:** If you are participating in an official UF activity (such as music performances, athletic competition or debate) or religious observance, you may make up an exam only if you sign up for a make-up exam with the course coordinator one week prior to the exam date. You must present documentation of an official UF activity. If illness or other extenuating circumstances cause you to miss an exam, contact the course coordinator immediately (no later than 24 hours after the exam) by email. Then, as soon as possible after you return to campus, bring the appropriate documentation to the course coordinator. A make-up exam may be given soon after the exam date or during the last week of classes.
- **Quizzes:** Quiz make-ups are similar to exam make-ups. There are no make-ups unless
 - you are participating in an official UF activity, for which you must bring your documentation to the course coordinator during the first three weeks of the semester.
 - you miss because of a religious holiday. You must notify the course coordinator within the first three weeks of the semester if you will be missing a quiz due to a religious holiday.

- you miss due to illness or other extenuating circumstances. You must contact the course coordinator immediately (within 24 hours of missing a quiz) by email and bring the appropriate documentation to the course coordinator as soon as you return to campus.
- Homework: no make-ups unless you have a legitimate reason stated in the [UF attendance policies](#) and you must contact the course coordinator within 24 hours of missing an assignment. Any requests for make-ups due to technical issues MUST be accompanied by proof the time and date that support was requested from Knewton Alta.
- Extra Credit Assignments: no make-ups on any extra credit assignments

ONE WEEK POLICY

All grades are posted in the Canvas gradebook. You are responsible for verifying all grades are accurate. You have one week after a score is available to discuss any grade concerns with your instructor. There is no grades dispute after one week.

INCOMPLETE

A student who has completed a major portion of the course with a passing grade but is unable to complete the final exam or other course requirements due to illness or emergency may be granted an incomplete, indicated by a grade of “I”. This allows the student to complete the course within the first six weeks of the following semester. The student must contact the course coordinator to sign the [incomplete grade contract](#), and must provide documentation of the extenuating circumstances preventing him or her from taking the final exam. The grade of “I” is never used to avoid an undesirable grade and it does not allow a student to redo work already graded or to retake the course. See the [official incomplete grade policy](#) for details.

STUDENTS WITH LEARNING DISABILITIES

Students requesting class and exam accommodations must register with the [Disability Resource Center \(DRC\)](#) by providing appropriate documentation. An accommodation letter must be sent to your instructor once approved by DRC, and students with disabilities should follow the DRC procedure as early as possible in the semester since the accommodations are not retroactive.

DRC ATR policy: Students who wish to take an exam at DRC must submit your [accommodated test request \(ATR\)](#) at least four business days in advance of the exam. This does not include the day of the exam, weekends, or holidays.

DIVERSITY, EQUITY, AND INCLUSION

The Mathematics Department is committed to diversity and inclusion of all students. We acknowledge, respect, and value the diverse nature, background and perspective of students and believe that it furthers academic achievements. It is our intent to present materials and activities that are respectful of diversity: race, color, creed, gender, gender identity, sexual orientation, age, religious status, national origin, ethnicity, disability, socioeconomic status, and any other distinguishing qualities.

ACADEMIC HONESTY

All students are required to abide by the Academic Honesty Guidelines which have been accepted by the University. The academic community of students and faculty at the University of Florida strives to develop, sustain and protect an environment of honesty, trust, and respect. Students are expected to pursue knowledge with integrity. Exhibiting honesty in academic pursuits and reporting violations of the Academic Honesty Guidelines will encourage others to act with integrity. Violations of the Academic Honesty Guidelines shall result in judicial action and a student being subject to the sanctions in paragraph XIV of the Student Code of Conduct. The conduct set forth hereinafter constitutes a violation of the Academic Honesty Guidelines (University of Florida Rule 6C1-4.017).

[The UF Honor Code](#) specifies several behaviors that are in violation of this code and the possible sanctions. We are bound by university policy to report any instance of suspected cheating to the proper authorities. In addition, we remind you that lectures given in this class are the property of the University/faculty member and may not be used for any commercial purpose. Students found to be in violation may be subject to discipline under the Student Conduct Code.

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 [here](#). Students will be notified when the evaluation period opens and can complete evaluations through the email they receive from GatorEvals or in their Canvas course menu under GatorEvals. Summaries of course evaluation results are available to students [here](#).

[This syllabus is subject to change. You will be notified if any changes are made.](#)