

# MAC1114 - TRIGONOMETRY

Spring 2021

---

<b>Instructor:</b>	David Burrell	<b>Time:</b>	TR 11:45-12:35 P5
<b>Email:</b>	<a href="mailto:DavidBurrell@ufl.edu">DavidBurrell@ufl.edu</a>	<b>Place:</b>	NRN3035

---

## Course Pages:

1. [Canvas Course Page](#)
2. Class Lecture Link (TBA)
3. [Instructor Webpage](#)

## Office Hours: TBA

**Technology Requirements:** Since this course will be delivered in a hybrid manner if appropriate a computer with a working webcam and microphone will be required.

**Knewton Alta:** For this course we will be using an adaptive mathematics software that adjusts as you progress through the course. This software is designed to be complementary to the lectures. It is important that you register for this service as soon as possible. There are multiple registration options, the monthly plan priced at 9.99 per month is the recommended option. 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.

## Honorlock:

We will be using honorlock to proctor the quizzes and exams. Honorlock requires that you use google chrome when trying to take a proctored exam or quiz. There is a practice quiz located within the week one assignments. It is important that you attempt this quiz as soon as you are able to so that you understand the proctoring process before you need to take an actual exam or quiz.

## Main References:

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

**Objectives:** This course is a comprehensive introduction to trigonometric functions and their inverses, identities and equations.

## 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

## Important Dates:

Honorlock Practic Quiz .....	Sep 7th
Quiz 1 .....	Feb 5th
Exam 1 .....	Feb 19th
Quiz 2 .....	Mar 5th
Exam 2 .....	Mar 19th
Quiz 3 .....	Apr 9th
Exam 3 .....	Apr 26th

**Exams & Quizzes:** There will be three exams and three quizzes on the dates indicated above. The exams will open on the days indicated above and you will be given 240 minutes to complete exams and 120 minutes to complete quizzes. These exams are designed to be taken in about one quarter of the time allotted, you are given extra time to help mitigate any technology issues. You can start the exams and quizzes by clicking on the honorlock tab in canvas and then clicking on the appropriate quiz or exam.

**Drop/Makeup Policy:** Unless there are exceptional and well documented circumstances there will be no makeup exams/quizzes. One exam and one quiz will be dropped. So if you miss an exam/quiz that was your drop.

**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. Late assignments are accepted and incur a 5% deduction in points for each day late.

**Grading Policy:**

Homework .....	37.25%
Quizzes .....	7.25%
Exam 1 .....	18.5%
Exam 2 .....	18.5
Exam 3 .....	18.5

Grading Scale			
Grade	Minimum Percent Required	Grade	Minimum Percent Required
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%

**Academic Honesty:** All students are bound by the following statements as set forth in the universities honor code.

- We, the members of the University of Florida community, pledge to hold ourselves and our peers to the highest standards of honest and integrity.
- On my honor, I have neither given nor received unauthorized aid in doing this assignment.

More details can be found at:

<https://sccr.dso.ufl.edu/policies/student-honor-code-student-conduct-code/>.

**Students Requiring Accommodations:** Students requiring classroom and exam accommodation must first register with the [DRC](#). This should be done at the earliest possible time.

**Course Expectations:** It is imperative that you set aside regular blocks of time in your schedule to keep up with the material.