

# MAC1105 - BASIC COLLEGE ALGEBRA

Summer B 2021

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<b>Instructor:</b>	David Burrell	<b>Time:</b>	MTWRF 9:30–12:15
<b>Email:</b>	<a href="mailto:DavidBurrell@ufl.edu">DavidBurrell@ufl.edu</a>	<b>Place:</b>	LIT207

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## Course Pages:

1. [Canvas Course Page](#)
2. [Instructor Webpage](#)

**Office Hours:** TBA

**Technology Requirements:** Access to a computer with high speed internet will be required to complete homework assignments.

**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.

## Main References:

- OpenStax, *College Algebra* [www.openstax.org/details/college-algebra](http://www.openstax.org/details/college-algebra)

**Objectives:** This course is designed to strengthen foundational knowledge of basic algebra in preparation for MAC1140–Precalculus Algebra or MAC1147–Precalculus Algebra and Trigonometry.

## Tentative Course Outline:

Prerequisites & Equations and Inequalities ..... Week 1  
Equations and Inequalities (cont.) & Functions ..... Weeks 2-3  
Linear Functions and Modeling & Polynomial and Rational Functions ..... Weeks 3-4  
Polynomial and Rational Functions (cont.) & Exponential and Logarithmic Functions .... Weeks 5-6

## Important Dates:

Quiz 1 ..... July 5th  
Exam 1 ..... July 9th  
Quiz 2 ..... July 16th  
Exam 2 ..... July 23rd  
Quiz 3 ..... July 30th  
Exam 3 ..... August 6th

**Exams & Quizzes:** There will be three exams and three quizzes on the dates indicated above given during class. You will be given 90 minutes to complete exams and 20 minutes to complete quizzes.

**Drop/Makeup Policy:** Unless there are exceptional and well documented circumstances there will be no makeup exams/quizzes. Your lowest quiz grade and exam grade will be replaced by the average of your two highest at the end of the semester.

**Assignments:** All assignments will be completed through the Knewton-Alta platform. This is such a fast paced course it is important that you work diligently and consistently on these assignments. 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 and Quizzes .....	44.5%
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:** We will be covering a semester’s worth of material in 6 weeks. It is imperative that you set aside regular blocks of time in your schedule to keep up with the pace.