

# COLLEGE ALGEBRA

Summer 2018

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**Instructor:** Andrew Lutz  
**Email:** alutz@math.ou.edu

**Time:** MTWRF 10:30am–11:35am  
**Place:** PHSC 114

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## Required Materials:

1. Textbook: **PreCalculus** by Jay Abramson, Arizona State University, Open Source, download at: <https://openstax.org/details/books/precalculus>
2. College Algebra Workbook, which can be purchased from the OU bookstore.

All decisions made in this class will adhere to this syllabus. Students are responsible for reading and following all policies stated in this syllabus.

Course Content: Mathematics 1503 is designed to prepare students for engineering calculus. This course serves as the prerequisite course for MATH1523 (PreCalculus and Trigonometry), and is not a suitable prerequisite for the business calculus track. If you are uncertain about the suitability of this course for your major, please consult your academic advisor. The focus is on functions and their properties. Topics covered include characteristics of a library of functions (including linear, quadratic, polynomial, rational, inverse, piece-wise, exponential, logarithmic, and absolute value), solving inequalities, solving systems of equations, and an introduction to sequences and series. This course may be used to satisfy the mathematics component of the University's General Education program.

## Prerequisite:

A student must either successfully complete MATH 0123 or make a satisfactory score on the placement examination or ACT/SAT before entering this course.

## Email and Canvas:

Students are expected to check their email account on a regular, frequent basis. Canvas will be used to provide updates on the course and to post grades. Students are responsible for all messages sent via email or Canvas.

It is important for students to have a good understanding of how Canvas operates to be successful in their courses. To ensure efficient communication, please visit the Student Online Orientation to get started in Canvas.

**Grading:**

Item	Points
In-Class Quizzes	25%
Homework	20%
Exam One	10%
Exam Two	10%
Exam Three	10%
Final Exam	25%

Letter Grade	Point Intervals
A	[89.5%,100%]
B	[79.5%,89.5%)
C	[69.5%, 79.5%)
D**	[59.5%, 69.5%)
F	[0,59.5%)

\*\*A D indicates you are missing some important concepts and should consider repeating this course for a better foundation before attempting the next course.

**Quizzes:**

There will be a quiz every Wednesday. This will amount to 8 quizzes throughout the semester. The top 6 quiz grades will count toward your semester grade. Because of this, no make up quizzes will be permitted. Calculators are **not** permitted on quizzes.

**WebWork Homework:**

Homework will be assigned weekly via WebWork. Online homework assignments will be made regularly from each section covered in class. Before you do the exercises, go over your class materials and use the referenced examples when appropriate. For every class period, you should expect to spend at least three hours on the online homework assignments. Start your homework in plenty of time to get help before the due date. Do not spend an excessive amount of time trying to figure out one problem. Get help when you get stuck. The problems assigned in WebWork are the minimum assignment. You are your best teacher; individually, you may need to do additional problems for mastery and understanding.

**Attendance**

Students are expected to attend every class period. It is your responsibility to collaborate with others outside of class to understand missed material and information from announcements when absences do occur.

**Examinations:**

There will be three examinations during the semester, each worth 10% of your semester grade. Calculators are *not* permitted on the exams. The **tentative** dates of the exams are listed below.

Exam	Date
Exam I	Friday 6/22
Exam II	Friday 7/6
Exam III	Friday 7/20
Final Exam	Thursday 8/2

### **Final Examination:**

The final examination for this class is comprehensive and will be worth 25% of your semester grade. It will consist of a mix of new material as well as material from the previous exams.

### **Office Hours**

Office hours will be held in the math center located in PHSC 209 every Monday from 9:30-10:30. Depending on attendance to the office hours, I may schedule an additional hour.

### **Academic Integrity**

Cheating will not be tolerated, **period**. Cheating includes looking at another student's paper during a quiz/exam, getting answers from a friend during a quiz/exam, having a notes out during a quiz/exam, etc.. Working on homework (i.e. practice problems) together is not cheating and, in fact, I encourage this. students who are caught cheating will be reported to Academic Integrity. **I do not want to have to report anyone to Academic Integrity, so please do not cheat.**

### **Special Accommodations:**

OU is committed to providing reasonable accommodation for all students with disabilities. Students who require accommodations should speak with the instructor or course coordinator as soon as possible to discuss accommodations necessary to ensure full participation and facilitate her/his educational opportunity. Students with disabilities must be registered with the Disability Resource Center prior to receiving accommodation.