



The City College  
of New York

# College Algebra & Trigonometry

Math 1900-2BB, Summer 2023

MTWTh 9:15 am – 12:57 pm, NAC 5/110



Introduction to algebraic expressions and equations, rational expressions, exponents, functions and their graphs, trigonometric functions on the unit circle, and right triangle trigonometry. 3 credits.

## Contact Information

Instructor: John Adamski, PhD – [jadamski@ccny.cuny.edu](mailto:jadamski@ccny.cuny.edu)  
Office: NAC 8/134  
Website: [johnadamski.com](http://johnadamski.com)  
Office Hours: After class for 1 hour each day

## Textbook

We will be using the text *Algebra and Trigonometry*, 4th edition, by Stewart, Redlin, and Watson. You can purchase online access to this text and the WebAssign online homework platform by going to <http://getenrolled.com> and entering the following class key.

**ccny 3338 8181**

Continue the enrollment process by following the instructions [here](#). If you are creating a new account, please enter your first and last name as they appear on CUNYfirst. After this, your 14-day free trial will begin. When your free trial expires you will need to purchase access for the semester. The cost is approximately \$44.

## Free Tutoring

The college is providing free in-person tutoring in Marshak 106 for all math classes 12-5pm Monday-Thursday. No appointment is necessary.

## Grades

20%	Quiz Average, $Q$	Daily
20%	Exam 1, $E_1$	Thu 7/13
20%	Exam 2, $E_2$	Tue 7/25
40%	Final Exam $F$ ,	Tue 8/1

To make exams less stressful, your Final Exam score  $F$  will replace any lower exam scores ( $E_1$ , and/or  $E_2$ ). In particular, if you miss a midterm exam, your Final Exam score will be used in its place. Your Quiz Average *cannot* be replaced by your Final Exam grade. There will be a quiz almost every class period. There will be no make-up quizzes. Instead your lowest four quiz grades will be dropped before computing your Quiz Average.

Your grade  $G$  will be calculated as follows.

$$G = .2Q + .2 \max(E_1, F) + .2 \max(E_2, F) + .4F \quad (1)$$

Quizzes will be taken in-class online through WebAssign. Exams will be taken in-class with paper and pencil/pen. Quiz and exam questions will be similar to assigned homework problems. Sample exams are available for practice at <https://math.sci.ccny.cuny.edu/course/math-19500/>. The use of calculators, notes, and/or formula sheets is not allowed on any quiz/exam.

## Attendance

I want to help you all succeed in this course. I want you all to help each other succeed in this course. We can't do that if we don't all come to class and participate. So please attend every class. It is both the simplest and most important thing you can do. I will keep attendance records.

## Academic Integrity

From the university's website:

Academic dishonesty is prohibited in The City University of New York. Penalties for academic dishonesty include academic sanctions, such as failing or otherwise reduced grades, and/or disciplinary sanctions, including suspension or expulsion.

Read more [here](#).

## Disabilities

Under the Americans with Disabilities Act, all members of the campus community are entitled to equal access to the programs and activities of CCNY. If you have (or think that you might have) a disability that may impact your participation in the activities, coursework, or assessment of this course, you may be entitled to accommodations through the AccessAbility Center/Student Disability Services. You can contact them at 212-650-5913, [disabilityservices@ccny.cuny.edu](mailto:disabilityservices@ccny.cuny.edu), or by visiting NAC 1/218.

Whether or not you have documentation for accommodations, your success in this class is important to me. If there are aspects of this course that are not accessible to you, please let me know as soon as possible so that we can work together to develop strategies to meet both your needs and the requirements of the course.

Class		Date	Quiz	Lesson 1	Lesson 2
<b>Week 1</b>					
1	Wed 7/05			Syllabus, WebAssign, P.2 Real Numbers	P.3 Integer Exponents and Scientific Notation
2	Thu 7/06	P.2		P.4 Rational Exponents and Radicals	P.5 Algebraic Expressions
<b>Week 2</b>					
3	Mon 7/10	P.3-4, P.5		P.6 Factoring	P.7 Rational Expressions
4	Tue 7/11	P.6, P.7		P.8 Solving Basic Equations	1.1 The Coordinate Plane, 1.2 Graphs of Equations
5	Wed 7/12	P.8		1.3 Lines	1.4 Solving Quadratic Equations
6	Thu 7/13	1.3		Review	Exam 1
<b>Week 3</b>					
7	Mon 7/17			1.6 Solving Other Types of Equations	1.7 Solving Inequalities
8	Tue 7/18	1.4-6, 1.7		2.1 Functions	2.2 Graphs of Functions
9	Wed 7/19	2.1		2.3 Getting Info from Graphs, 2.4 Average Rate of Change	2.6 Transformations of Functions
10	Thu 7/20	2.2-3, 2.6		2.7 Composition of Functions	2.8 Inverse Functions
<b>Week 4</b>					
11	Mon 7/24	2.7, 2.8		3.1 Quadratic Functions	10.1 Systems of Linear Equations in Two Variables
12	Tue 7/25	3.1, 10.1		Review	Exam 2
13	Wed 7/26			4.1-2 Exponential Functions	4.3 Logarithmic Functions
14	Thu 7/27	4.1-2, 4.3		5.1 Angle Measure	5.2 Trigonometry of Right Triangles
<b>Week 5</b>					
15	Mon 7/31	5.1, 5.2		5.3 Trig Functions of Angles	Review
16	Tue 8/01	5.3		Review	Final Exam