

City College of CUNY MATH 19000 1XB Summer 2023

Instructor: Mr. Chun S. Park **Office:** (NAC-1/511); **Phone:** (212) 650-5346

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Office hours: Mondays, Tuesdays: 12:30PM-1:30PM; Wednesdays: 12:30PM-2:30PM in (NAC-1/511)

Text: Stewart, Redlin, Watson *Algebra and Trigonometry, 4th ed., Cengage*

Additional material: Cengage WebAssign. Follow this link <https://math.sci.ccny.cuny.edu/course/math-19000/>, and scroll down to “Discounted WebAssign Access Code”

Quiz and Homework will be administered via WebAssign. Therefore you will need a WebAssign subscription if you don't have one.

WebAssign Class Key: ccny 1125 5276

Link to Free Tutoring: <https://math.sci.ccny.cuny.edu/page/tutoring/>

Link to Math 190 Webpage: <https://math.sci.ccny.cuny.edu/course/math-19000/>

This webpage contains EVERYTHING you need to know about this course, including [grading factors](#), [Course Topics](#), [Textbook Exercises](#), [Videos](#), [Practice Problem Sets](#) and the [link to purchase a Webassign Access Code](#).

Quiz Average Cannot be Dropped: There will be a quiz every class. There will be no make-up quizzes. Instead your lowest four quiz grades will be dropped before computing your quiz average.

How to Study/Expectations for This Class (*Please see Math 190 Expectations document in BB*)

1. **BEFORE** each class, watch the videos posted in Blackboard for the section(s) that will be covered in that class. A math YouTube video is not a movie! Take notes; try to redo each problem independently after watching the video.
2. **BEFORE** each class, independently study the textbook examples listed in page 2 of the syllabus. Take notes and prepare any questions you have in advance so that you discuss them in class with peers and/or the instructor.
3. **After** each class, complete all WebAssign homework problems.
4. **Attend Office Hours** if you need additional support.

Statement on Academic Integrity:

All work submitted for this course should be your own unless explicitly stated or acknowledged by you. This course follows the CUNY Policy on Academic Integrity. All violations will be pursued through the appropriate campus mechanisms.

Link to CUNY Academic Integrity Policy: <https://www.ccny.cuny.edu/about/integrity>

Exam Schedule: There will be 5 in-class exams and daily Quizzes. In addition There will be a Final Exam scheduled after the last day of classes. Exam schedule and sections covered in the exam are posted on my web page <https://math.sci.ccny.cuny.edu/page/math-19000-2023/>

Quiz duration is 15 minutes and will open after class time (12:15PM) and close at 11:59PM on day that is assigned. You must be logged in WebAssign. If you don't complete the quiz by closing time or forget to take it, then your quiz grade will be zero.

For in-class exams and Final Examination, I'll be collecting your ID card and will return it when you submit your examination. The duration for in-class exams is about 50 minutes (1 hour and 30 minutes) and the Final Examination is 135 minutes (2 hours and 15 minutes).

Grades: Final grade will be composed 10% of Quiz average, 50% of in-class exams, and 40% of your final exam. You will need to be present in class in order to receive grade for in-class exams and Final Exam; there will be no make up exam or quiz.

Grading Scale											
	Passing								Failing		
Letter Grade	A+	A	A-	B+	B	B-	C+	C	C-	D	F
%	97-100	95-96	90-94	87-89	84-86	80-83	77-79	74-76	70-73	60-69	0-59
GPA	4.00	4.00	3.66	3.33	3.00	2.66	2.33	2.00	1.66	1.00	0.00

Syllabus

Sections and HW

Class	Date	Topics	Sections	Textbook Examples to Study	Comments
1	Mon 6/05	Real Numbers	P2, P3	P2: 1, 2, 3, 5 P3: 1, 2, 3, 4, 5	Quiz P2
2	Tue 6/06	Exponents and Radicals	P3, P4	P4: 1, 2, 3, 4, 5	Quiz P3 & P4
3	Wed 6/07	Algebraic Expressions	P5	1, 2, 3, 4, 5	Quiz P5
4	Thu 6/08	Factoring	P6	1, 2, 3, 4, 5, 6, 7, 9	Quiz P6
5	Mon 6/12	Rational Expressions	P7	1, 2, 3, 4, 5, 6, 7, 8	Quiz P7
6	Tue 6/13	Equations	P8	1, 2, 3, 4, 5, 6, 8, 9	Quiz P8
7	Wed 6/14	Coordinate Plane, Graphs	1.1, 1.2	1.1: 2, 3, 4, 5 1.2: 1, 2, 3, 5, 8, 9, 10	Quiz 1.1 & 1.2 after 6/15 class
8	Thu 6/15	Lines	1.3	1, 2, 3, 4, 5, 6, 7, 8, 9	Quiz 1.3
9	Tue 6/20	Equations	1.4, 1.6	1.4: 1, 2, 3, 4, 5 1.6: 1, 3, 4	Quiz 1.4 & 1.6
10	Wed 6/21	Inequalities	1.7	1, 2, 3, 4, 5, 6	Quiz 1.7 after 6/22 class
11	Thu 6/22	Functions	2.1	1, 2, 3, 4, 5, 7	Quiz 2.1
12	Mon 6/26	Graphs, Graph Info	2.2, 2.3	2.2: 1, 4, 5, 8, 9 2.3: 1, 2, 5	Quiz 2.2 & 2.3
13	Tue 6/27	Rate of Change	2.4	2.4: 1, 2, 3, 4	Quiz 2.4
14	Wed 6/28	Transformations	2.6	1, 2, 3, 4, 5, 6, 7	Quiz 2.6 after 6/29 class
15, 16	Thu 6/29 & Mon 7/03	Combining Functions	2.7	1, 3, 4	Quiz 2.7 after 7/03 class
17	Wed 7/05	Inverses	2.8	1, 2, 3, 4, 5, 6, 7, 8, 9, 10	Quiz 2.8

18	Thu 7/06	Quadratics	3.1	1, 2, 3, 4,	Quiz 3.1
19	Mon 7/10	Exponentials	4.1	1, 2, 3, 4	Quiz 4.1
20	Tue 7/11	Logs	4.3	1, 2, 3, 4, 5, 6	Quiz 4.3
21	Wed 7/12	Angle Measure	5.1	1, 2, 3, 4	Quiz 5.1 after 7/13 class
22, 23	Thu 7/13 & Mon 7/17	Trig of Right Triangles	5.2	1, 2, 4, 5, 6	Quiz 5.2 after 7/17 class
24	Tue 7/18	Trig Functions of Angles	5.3	1, 2, 3, 4, 5, 6, 7	Quiz 5.3
25, 26	Wed 7/19 & Thu 7/20	System of linear Equations in Two Variables	10.1	1, 2, 3?, 4?, 5?, 6?, 7? 8?	Quiz 10.1? after 7/20 class
27	Mon 7/24	Review for Final Exam	ALL	Complete End of Semester Study Packet	
28	Tue 7/25	Review for Final Exam	ALL	Complete End of Semester Study Packet	