

# Syllabus for Math 19000, College Algebra

Text: Stewart, Redlin, Watson *Precalculus, 7th ed., Cengage.*

(Visit the Math190WebAssignInfo link on the CCNY Math 190 webpage before purchasing the textbook because you must also purchase a webassign access code.)

Section	Hours	Exercises
1.1 Reals	1	29–32,35–38,47–66
1.2 Exponents	3	9–82
1.3 Alg Expression	3	9–78
1.4 Rational Expression	3	1–96
1.5 Equations	3	2–116
1.8 Inequalities	1	1–28
1.9 Coordinate Plane	1	25–39,55–60,83–95
1.10 Lines	1	9–52
2.1 Functions	3	17–72
2.2 Graphs	3	2–28,33–46,49–68
2.3 Graph Info	1	7–16,43–46
2.4 Rate of Change	1	7–31
2.5 Linear Functions	1	7–43
2.6 Transformations	2	1–74
2.7 Combining Functions	1	27–72
2.8 Inverses	2	7–74
3.1 Quadratics	2	1–44
3.2 Polynomial Graphs	1	1–44, 51–54
4.1 Exponential Functions	2	1–40, 47–54
4.3 Log Functions	2	9–44 (omit $e$ , $\ln$ ), 53–68, 73.
6.1 Angle Measure	1	5–70
6.2 Right Triangle Trig	1	15–33, 53–59
6.3 Trigonometric Functions of Angles	2	1–54
10.1 Systems of Linear Equations	2	21–50, 59–73.