

Instructor: Mr. Chun S. ParkOffice: (MR-529); Phone: e-mail: cpark@ccny.cuny.eduOffice hours: Mondays, Wednesdays: 2:20PM-3:20PM in (NA-1/511, Artino Tutoring Center)Math Dept. Web Page: <http://math.sci.ccny.cuny.edu>Text: on-line version: Applied Calculus (1st ed.), Calaway, Hoffman, Lippman[https://math.libretexts.org/Bookshelves/Calculus/Applied_Calculus_\(Calaway_Hoffman_and_Lippman\)](https://math.libretexts.org/Bookshelves/Calculus/Applied_Calculus_(Calaway_Hoffman_and_Lippman))Additional material: A Scientific Calculator (Casio fx-300MS [about \$15])MyOpenMath: Couese ID: 348883 Enrollment Key: FA26MATH205MW

Bookmark MATH 20500 course page “dept. Web page”, “Courses”, “MATH 20500” as see the information listed below.

Homework policy: <https://math.sci.ccny.cuny.edu/page/205-homework/>Tutoring policy: <https://math.sci.ccny.cuny.edu/page/205-tutoring-requirement/>Attendance policy: <https://math.sci.ccny.cuny.edu/page/205-attendance-requirement/>Grades: Your course grade will be weighted and calculated as follows:

	Assessments	Weight
	<i>Exams</i>	36%
	<i>Final Exam</i>	40%
	<i>Quizzes</i>	12%
	<i>Hw</i>	4%
	<i>Weekly Tutoring Engagement and Study Support</i>	4%
	<i>Weekly Workbook Assignments</i>	4%

There will be no make up quiz or exams.

	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

Schedule

Date	Class	Topic(s)	Section(s)	Assessment
Mon 8/31	1	Functions; Operations on Functions; Linear Functions	1.1, 1.2, 1.3	N/A
Wed 9/02	2	Linear Functions; Exponents; Exponential Functions	1.3, 1.4, 1.7	N/A
Wed 9/09	3	Exponential Functions; Logarithmic Functions; Prelude to the Derivative	1.7, 1.8, 2.1	Quiz 1: 1.1–1.4
Mon 9/14	4	Limits and Continuity; The Derivative	2.2, 2.3	Quiz 2: 1.7, 1.8, 2.1
Wed 9/16	5	The Derivative	2.3	Quiz 3: 2.2
Wed 9/23	6	The Derivative	2.3	Quiz 4: 2.3
Mon 9/28	7	Power and Sum Rules for Derivatives	2.4	Exam 1: 1.1–2.3
Wed 9/30	8	Power and Sum Rules; Product and Quotient Rules	2.4, 2.5	Quiz 5: 2.4
Mon 10/05	9	Product and Quotient Rules	2.5	Quiz 6: 2.4, 2.5
Wed 10/07	10	Product and Quotient Rules; Chain Rule	2.5, 2.6	Quiz 7: 2.5
Tue 10/13 Monday's Schedule	11	Chain Rule; Second Derivative and Concavity	2.6, 2.7	Quiz 8: 2.6
Wed 10/14	12	Second Derivative and Concavity	2.7	Quiz 9: 2.6, 2.7
Mon 10/19	13	Optimization	2.8	Exam 2: 2.4–2.7
Wed 10/21	14	Optimization; Curve Sketching	2.8, 2.9	Quiz 10: 2.8
Mon 10/26	15	Curve Sketching; Applied Optimization	2.9, 2.10	Quiz 11: 2.8, 2.9
Wed 10/28	16	Applied Optimization	2.10	Quiz 12: 2.9
Mon 11/02	17	Applied Optimization; Other Applications; Implicit Differentiation and Related Rates	2.10, 2.11, 2.12	Quiz 13: 2.10
Wed 11/04	18	Implicit Differentiation and Related Rates	2.12	Quiz 14: 2.11, 2.12
Mon 11/09	19	Prelude to the Integral; The Definite Integral	3.1, 3.2	Exam 3: 2.8–2.12
Wed 11/11	20	The Definite Integral; Fundamental Theorem and Antidifferentiation	3.2, 3.3	Quiz 15: 3.1, 3.2
Mon 11/16	21	Fundamental Theorem and Antidifferentiation; Antiderivatives of Formulas	3.3, 3.4	Quiz 16: 3.2
Wed 11/18	22	Antiderivatives of Formulas; Substitution	3.4, 3.5	Quiz 17: 3.3
Mon 11/23	23	Substitution	3.5	Quiz 18: 3.4
Mon 11/30	24	Additional Integration Techniques	3.6	Quiz 19: 3.5
Wed 12/02	25	Area, Volume, and Average Value	3.7	Exam 4: 3.1–3.6
Mon 12/07	26	Area, Volume, and Average Value; Applications to Business	3.7, 3.8	Quiz 20: 3.7
Wed 12/09	27	Applications to Business; Differential Equations	3.8, 3.9	Quiz 21: 3.7, 3.8
Mon 12/14	28	Differential Equations	3.9	Quiz 22: 3.8