

Math 15	Section 03 5998	Fall 2021
Meets online synchronously Monday, Tuesday and Wednesday 10:20 – 11:20 AM on Blackboard Collaborate Ultra, and on-campus Thursday 10:20 – 11:20 AM room T4101		
Professor R. Sturm; office hours after 12:40 (by appt) on Zoom; rsturm@kingsborough.edu		
Prerequisite:	Math 14 with a grade of “C” and Math 10	
Textbook:	https://openstax.org/details/books/calculus-volume-1 ISBN-10: 1-947172-13-1 and (optional) Calculus by Larson, Hostetler and Edwards, Alternate 6 th edition, ISBN 0-395-88902-2	
Attendance Policy:	More than 3 on-campus (Thursday) absences and/or more than 5 missing or late “mathbreeze” assignments will result in a “WU” grade.	
Mark Distribution:	Online “mathbreeze” homework 10% Several quizzes 10% Three exams 50% Final exam 30% The lowest in-class exam grade will be dropped. There are no make-up exams. If a student misses more than one exam then the grade(s) will count as 0. The two lowest quiz scores will be dropped. If a student misses more than two quizzes then the grade(s) will count as 0. Late submissions of online homework will receive 50% of earned score. All exams/quizzes are held in-person, on-campus. No exceptions will be made.	
Calculators :	Students may not use a calculator on exams or quizzes	
Email:	Students must communicate only via their KBCC email address.	
Homework:	Online homework is submitted after the due date will receive 50% of earned score.	
Course description:	Functions Trigonometric Functions Limits Infinite Limits and Continuity Slopes of Tangent Lines The Derivative Power Rule Velocity and Acceleration Product and Quotient Rules The Chain Rule and Implicit Differentiation Related Rates Graphs and Limits of Trigonometric Functions Derivatives of Trigonometric Functions Extrema on an Interval & MVT Max/Min and First Derivative Test	Concavity and Second Derivative Test Limits at Infinity Curve Sketching Optimization Differentials Trigonometric Functions Antiderivatives The Fundamental Function Integration by Substitution Exponential functions Differentiation and Integration of Exponential functions Inverse functions Logarithmic functions Logarithmic functions and differentiation Logarithmic functions and integration
Academic integrity:	Please see: https://www.kbcc.cuny.edu/faculty_staff/documents/Academic_Integrity_Policy.pdf#search=academic%20integ	
“This syllabus, and the course schedule of topics, are subject to change by consideration of the instructor, or by factors outside the instructor’s control”		