

Weekly Class Schedule

Week 1	Welcome and 2.1 -- The Idea of Limits 2.2 -- Definitions of Limits 2.3 -- Techniques for Computing Limits
Week 2	2.4 -- Infinite Limits
Week 3	2.5 -- Limits at Infinity 2.6 -- Continuity 2.7 -- Precise Definition of a Limit
Week 4	3.1 -- Introducing the Derivative 3.2 -- Working with the Derivative Review for Exam 1
Week 5	***Exam 1 on 9/23*** 3.3 -- Rules of Differentiation 3.4 -- The Product and Quotient Rules
Week 6	3.5 -- Derivatives of Trig Functions 3.6 -- Derivatives as Rates of Change 3.7 -- The Chain Rule
Week 7	3.8 -- Implicit Differentiation 3.9 -- Derivatives of Log and Exp Functions 3.10 -- Derivatives of Inverse Trig Functions
Week 8	Practice and Review for Midterm ***Midterm on 10/16 6:30pm - 8pm*** 3.11 -- Related Rates
Week 9	3.11 -- Related Rates 4.1 -- Maxima and Minima
Week 10	4.2 -- Mean Value Theorem 4.3 -- What Derivatives Tell Us 4.4 -- Graphing Functions

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Week 11 4.4 -- Graphing Functions
 4.5 -- Optimization Problems
 4.6 -- Linear Approximation and Differentials

Week 12 4.7 -- L'Hopital's Rule
 Review for Exam 2
 *****Exam 2 on 11/15*****

Week 13 4.8 -- Newton's Method
 4.9 -- Antiderivatives
 5.1 -- Approximating Area Under Curves

Week 14 5.2 -- Definite Integrals

Week 15 5.3 -- Fundamental Theorem of Calculus
 5.4 -- Working with Integrals
 5.5 -- Substitution Rule

Week 16 Catch-up
 Final Exam Review

*****Final Exam, 12/16 at 5:30pm-7:30pm*****