

Math 27 (Calculus I)

Monday	Wednesday	Friday
8/31 1.1 Intro to Limits	9/2 1.3 Finding limits analytically	9/4 1.4 One Sided Limits
9/7 NO CLASS (Labor day)	9/9 1.5 Continuity	9/11 1.6 Limits involving Infinity
9/14 2.1 Instantaneous rates of change: the derivative	9/16 2.2 Interpretations of the derivative	9/18 2.3 Basic Differentiation rules
9/21 2.4 The Product and Quotient Rules	9/23 2.5 The Chain Rule	9/25 Catch up and Review
9/28 Exam 1	9/30 2.6 Implicit Differentiation	10/2 2.7 Derivatives of Inverse Functions
10/5 Derivative Practice Gateway Exam	10/7 3.1 Extreme Values	10/9 3.2 The Mean Value Theorem
10/12 3.3 Increasing and Decreasing Functions	10/14 3.4 Concavity and the Second Derivative	10/16 3.5 Curve Sketching
10/19 4.1 Newton's Method	10/21 4.2 Related Rates	10/23 NO CLASS (Fall break)
10/26 4.2 Related Rates	10/28 Catch-up and Review	10/30 Exam 2
11/2 4.3 Optimization	11/4 4.3 Optimization 4.4 Differentials	11/6 5.1 Antiderivatives and Indefinite Integration
11/9 5.2 The Definite Integral	11/11 5.3 Riemann Sums	11/13 5.4 The Fundamental Theorem of Calculus
11/16 5.5 Numerical Integration	11/18 6.1 Substitution	11/20 Catch-up and Review
11/23 Exam 3	11/25 NO CLASS (Thanksgiving break)	11/27 NO CLASS (Thanksgiving break)
11/30 6.1/6.2 Substitution and Integration by Parts	12/2 6.2 Integration by Parts	12/4 Catch up and Review