| \# | Class Date | Section Covered |
| :---: | :---: | :---: |
| 1 | Wednesday, September 05, 2012 | Intro discussion \& Review/Practice Differentiation |
| 2 | Thursday, September 06, 2012 | 1.6 \& D1.9 Inverse Functions -- General |
| 3 | Friday, September 07, 2012 | $1.5,1.6$ \& D1.9 Laws of Expon review \& Inverse Functions (cont.) |
| 4 | Monday, September 10, 2012 | 1.6 \& D1.9 Inverse Functions -- Log |
| 5 | Wednesday, September 12, 2012 | 1.6 \& D1.9 Inverse Functions -- Trig |
| 6 | Thursday, September 13, 2012 | 3.8 Derivatives of Inverse Functions - General |
| 7 | Friday, September 14, 2012 | 3.8 Derivatives of Inverse Functions - Logs |
| 8 | Monday, September 17, 2012 | 3.9 Derivatives of Inverse Functions - Trig |
| 9 | Wednesday, September 19, 2012 | 3.8 \& 3.9 Derivatives of Inverse Functions - Review/Practice |
| 10 | Thursday, September 20, 2012 | 3.8 Logarithmic Differentiation |
| 11 | Friday, September 21, 2012 | 3.8 \& 3.10 Logarithmic Differentiation \& Related Rates |
| 12 | Monday, September 24, 2012 | 3.10 Related Rates -- Concepts/Examples |
| 13 | Wednesday, September 26, 2012 | 3.10 Related Rates -- Problems/Practice |
| 14 | Thursday, September 27, 2012 | 3.10 Related Rates -- Problems \& More Practice |
| 15 | Friday, September 28, 2012 | 3.10 \& 3.11 Linearization \& Differentials |
| 16 | Monday, October 01, 2012 | 3.11 Linearization \& Differentials |
| 17 | Wednesday, October 03, 2012 | 3.11 Linearization \& Differentials \& Begin Review for Exam I |
| 18 | Thursday, October 04, 2012 | Review for Exam I |
| 19 | Friday, October 05, 2012 | Exam I (Thru 3.10) |
|  | Monday, October 08, 2012 | Columbus Day |
| 20 | Wednesday, October 10, 2012 | 4.1 Extreme Values of Functions |
| 21 | Thursday, October 11, 2012 | 4.1 Extreme Values of Functions |
| 22 | Friday, October 12, 2012 | 4.1 Extreme Values of Functions |
| 23 | Monday, October 15, 2012 | 4.2 Mean Value Thm |
| 24 | Wednesday, October 17, 2012 | 4.3 Monotonic Functions \& First Derivative Test |
| 25 | Thursday, October 18, 2012 | 4.3 \& 4.4 First Derivative Test, Concavity \& Curve Sketching |
| 26 | Friday, October 19, 2012 | 4.4 First Derivative Test, Concavity \& Curve Sketching |
| 27 | Monday, October 22, 2012 | 4.4 First Derivative Test, Concavity \& Curve Sketching |
| 28 | Wednesday, October 24, 2012 | 4.6 Optimization Introduction |
| 29 | Thursday, October 25, 2012 | 4.6 Optimization Problem Solving |
| 30 | Friday, October 26, 2012 | 4.6 Optimization Problem Solving |
| 31 | Monday, October 29, 2012 | 4.6 Optimization Problem Solving |
| 32 | Wednesday, October 31, 2012 | 4.6 Optimization Problem Solving |
| 33 | Thursday, November 01, 2012 | 4.6 Optimization Problem Solving |
| 34 | Friday, November 02, 2012 | 4.6 Optimization Problem Solving |
| 35 | Monday, November 05, 2012 | 4.5 Indeterminant Forms \& L'Hospital's Rule |
| 36 | Wednesday, November 07, 2012 | 4.5 Indeterminant Forms \& L'Hospital's Rule |
| 37 | Thursday, November 08, 2012 | 4.7 Newton's Method |
| 38 | Friday, November 09, 2012 | 4.7 Newton's Method |
|  | Monday, November 12, 2012 | Veterans Day ( 11th Day 11th Month 11th Hour ) |
| 39 | Wednesday, November 14, 2012 | 7.3 Hyperbolic Functions |
| 40 | Thursday, November 15, 2012 | 4.8 Anti-derivatives |
| 41 | Friday, November 16, 2012 | 4.8 Anti-derivatives |
| 42 | Monday, November 19, 2012 | 4.8 Anti-derivatives; Start Review for Exam II |
| 43 | Wednesday, November 21, 2012 | Review for Exam II Recess for Thanksgiving starts 6PM |
|  | Thursday, November 22, 2012 | Thanksgiving Recess |
|  | Friday, November 23, 2012 | Thanksgiving Recess |
| 44 | Monday, November 26, 2012 | Exam II (Through Hass Ch 4) |
| 45 | Wednesday, November 28, 2012 | 5.1 Area \& Estimating With Finite Sums |
| 46 | Thursday, November 29, 2012 | 5.1 \& 5.2 Estimating With Finite Sums \& Sigma Notation |
| 47 | Friday, November 30, 2012 | 5.2 Limits of Finite Sums |
| 48 | Monday, December 03, 2012 | Relationship of a Function \& Its Anti-derivative (Last test day) |
| 49 | Wednesday, December 05, 2012 | 5.3 Definite Integrals |
| 50 | Thursday, December 06, 2012 | 5.3 Definite Integrals |
| 51 | Friday, December 07, 2012 | Start Review for Final Exam |
| 52 | Monday, December 10, 2012 | Complete Review for Final Exam |
|  | Tuesday, December 11, 2012 | Reading Day - No class [Possible Review Session] |
|  | Wednesday, December 12, 2012 | Final Exams Begin |
|  | Thursday, December 20, 2012 | Final Exams End |

