MATH 1500 - Calculus I
Tentative Calendar - WINTER 2007

MONDAY *Lecture*	TUESDAY *Recitation*	WEDNESDAY *Lecture*	THURSDAY *Recitation*	FRIDAY *Lecture*
January 15 Martin Luther King Day Holiday NO CLASSES	January 16	January 17 1.1 - Four Ways to Represent a Function	January 18	January 19 1.1 - Four Ways to Represent a Function
January 22 1.2 - Essential Functions	January 23	January 24 1.3 - New Functions from Old Functions	January 25	January 26 2.1 - Tangent and Velocity Problems
January 29 2.2 - The Limit of a Function	January 30	January 31 2.3 - Calculating Limits Using the Limit Laws	February 1	February 2 2.4 - The Precise Definition of a Limit
February 5 2.5 - Continuity	February 6	February 7 Review	February 8 EXAM 1 6:30 - 7:30 pm	February 9 *Day off after exam*
February 12 2.6 - Tangents, Velocities, and Other Rates of Change	February 13	February 14 3.1 - Derivatives	February 15	February 16 3.2 - The Derivative as a Function
February 19 3.3 - Differentiation Formulas	February 20	February 21 3.4 - Rates of Change in the Natural and Social Sciences	February 22	February 23 3.5 - Derivatives of Trigonometric Functions
February 26 3.6 - The Chain Rule	February 27	February 28 3.7 - Implicit Differentiation	March 1	March 2 3.8 - Higher Derivatives
March 5 3.9 - Related Rates	March 6	March 7 Review	March 8 EXAM 2 6:30 - 7:30 pm	March 9 *Day off after exam*
March 12 3.10 - Linear Approximations and Differentials	March 13	March 14 4.1 - Maximum and Minimum Values	March 15	March 16 4.2 - The Mean Value Theorem
March 19 4.3 - How Derivatives Affect the Shape of a Graph	March 20	March 21 4.4 - Limits at Infinity; Horizontal Asymptotes	March 22	March 23 4.5 - Summary of Curve Sketching
March 26 SPRING BREAK	March 27 SPRING BREAK	March 28 SPRING BREAK	March 29 SPRING BREAK	March 30 SPRING BREAK
April 2 4.7 - Optimization Problems	April 3	April 4 Review	April 5 EXAM 3 6:30 - 7:30 pm	April 6 *Day off after exam*
April 9 4.9 - Newton's Method	April 10	April 11 4.10 - Antiderivatives	April 12	April 13 5.1 - Areas and Distances
April 16 5.2 - The Definite Integral 5.3 - Fundamental Thm of Calculus	April 17	April 18 5.3 - Fundamental Thm of Calculus 5.4 - Indefinite Integrals	April 19	April 20 5.5 - The Substitution Rule
April 23 6.1 - Areas Between Curves	April 24	April 25 Review	April 26 EXAM 4 6:30 - 7:30 pm	April 27 *Day off after exam*
April 30 6.2 - Volumes	May 1	May 2 6.3 - Volumes by Cylindrical Shells	May 3	May 4 Review
May 7 Final Exams Begin	May 8	May 9 FINAL EXAM 3:30 pm - 5:30 pm Location: TBA	May 10	May 11