MA 16010 Applied Calculus I
Calendar, Fall 2014

Exam 1: Lesson 1-8 Exam 2: Lesson 9-17 Exam 3: Lesson 18-29

Date	Lesson	Section	Topics
8/25 M	1	C.3	Trigonometric Functions
8/27 W	2	C.3 & 1.6	Trigonometric, Exponential and Logarithmic Functions
8/29 F	3	1.6	Exponential and Logarithmic Functions
9/1 M			***LABOR DAY (no classes)***
9/3 W	4	2.2	Finding Limits Graphically and Numerically
9/5 F	5	2.3	Evaluating Limits Analytically
9/8 M	6	2.4	Continuity and One-sided Limits
9/10 W	7	2.5	Infinite Limits
9/12 F	8	3.1	The Derivative and the Tangent Line Problem
9/15 M			REVIEW FOR EXAM 1
9/17 W			OPTIONAL REVIEW FOR EXAM 1
9/17 W			**EXAM 1 (8:00-9:00pm ELLT 116)**
9/19 F	9	3.2	Basic Differentiation Rules
9/22 M	10	3.2	Rates of Change
9/24 W	11	3.3	Product and Quotient Rules and Higher-order Derivatives
9/26 F	12	3.3	Product and Quotient Rules and Higher-order Derivatives
9/29 M	13	3.4	The Chain Rule
10/1 W	14	3.4	The Chain Rule
10/3 F	15	3.5	Implicit Differentiation
10/6 M	16	3.7	Related Rates
10/8 W	17	3.7	Related Rates
10/10 F			REVIEW FOR EXAM 2
10/13 M			***OCTOBER BREAK (no classes)***
10/15 W			OPTIONAL REVIEW FOR EXAM 2
10/16 Th			**EXAM 2 (6:30-7:30pm ELLT 116)**
10/17 F	18	4.1	Extrema on an Interval
10/20 M	19	4.3	Increasing and Decreasing Functions and the First Derivative Test
10/22 W	20	4.3	Increasing and Decreasing Functions and the First Derivative Test
10/24 F	21	4.4	Concavity and the Second Derivative Test
10/27 M	22	4.4	Concavity and the Second Derivative Test
10/29 W	23	4.5	Limits at Infinity
10/31 F	24	4.6	A Summary of Curve Sketching
11/3 M	25	4.7	Optimization Problems
11/5 W	26	4.7	Optimization Problems
11/7 F	27	4.7	Optimization Problems
11/10 M	28	5.1	Antiderivatives and Indefinite Integration
11/12 W	29	5.1	Antiderivatives and Indefinite Integration
11/14 F			REVIEW FOR EXAM 3

MA 16010 Applied Calculus I
Calendar, Fall 2014

Exam 1: Lesson 1-8 Exam 2: Lesson 9-17 Exam 3: Lesson 18-29

Date	Lesson	Section	Topics
11/17 M			OPTIONAL REVIEW FOR EXAM 3
11/17 M			**EXAM 3 (8:00-9:00PM ELLT 116)**
11/19 W	30	5.2	Area
11/21 F	31	5.3	Riemann Sums and Definite Integrals
11/24 M	32	5.4	The Fundamental Theorem of Calculus
11/26 W			*THANKSGIVING VACATION (no classes)*
11/28 F			*THANKSGIVING VACATION (no classes)*
12/1 M	33	5.4	The Fundamental Theorem of Calculus
12/3 W	34	5.6	Numerical Integration
12/5 F	35	6.2	Differential Equations: Growth and Decay
12/8 M	36	6.2	Differential Equations: Growth and Decay
12/10 W			REVIEW FOR FINAL EXAM
12/12 F			REVIEW FOR FINAL EXAM
12/15 to 12/20			**WEEK OF FINAL EXAMS**

THE DATE AND TIME OF THE FINAL EXAM WILL BE ANNOUNCED DURING THE SEMESTER. THE SEMESTER DOES NOT END UNTIL SATURDAY, DECEMBER 20 AT 9:00 PM. INDIVIDUALS WANTING TO LEAVE CAMPUS EARLY WILL NOT BE GRANTED EARLY FINAL EXAMS TO ACCOMMODATE TRAVEL PLANS.