Math 1M03 Course Calendar – Winter 2016

Week 1: January 5-8	
Lecture 1	4.1 Exponential Functions
Lecture 2	4.1 Exponential Functions (Continued)
Week 2: January 11-15	
Assignment #0 and Assignment #1: Due at 11:59pm on Friday January 15th	
Lecture 3	4.2 Logarithmic Functions
Lecture 4	4.2 Logarithmic Functions (Continued)
Lecture 5	4.3 Differentiation of Exponential and Logarithmic Functions (Omit Elasticity of Demand)
Week 3: January 18-22	
Assignment #2: Due at 11:59pm on Friday January 22nd	
Lecture 6	4.3 Differentiation of Exponential and Logarithmic Functions (Continued)
Lecture 7	4.4 Applications (Omit Optimum Holding Time)
Lecture 8	4.4 Applications (Continued) 5.1 Antidifferentiation: The Definite Integral
Week 4: January 25-29	
Test #1: Evening of Wednesday January 27	
Lecture 9	5.1 Antidifferentiation (Continued)
Lecture 10	5.2 Integration by Substitution
Lecture 11	5.2 Integration by Substitution (Continued)
Week 5: February 1-5	
Assignment #3: Due at 11:59pm on Friday February 5th	
Lecture 12	5.3 The Definite Integral and The Fundamental Theorem of Calculus
Lecture 13	5.3 The Definite Integral and The Fundamental Theorem of Calculus (Continued)
Lecture 14	5.4 Applying Definite Integration (Omit Excess Profit, Lorentz Curves, Gini Index)
Week 6: February 8-12	
Assignment #4: Due at 11:59pm on Friday February 12th	
Lecture 15	5.4 Applying Definite Integration (Continued)
Lecture 16	6.1 Integration by Parts
Lecture 17	6.1 Integration by Parts (Continued) 6.2 Improper Integrals
WEEK 7: READING WEEK, FEBRUARY 15-19	

Week 8: February 22 - 26	
Test #2: Evening of Wednesday February 24	
Lecture 18	6.2 Improper Integrals (Continued)
Lecture 19	7.1 Functions of Several Variables
Lecture 20	7.1 Functions of Several Variables (Continued)
Week 9: February 29 - March 4	
Assignment #5: Due at 11:59pm on Friday March 4th	
Lecture 21	7.2 Partial Derivatives (Omit Substitute and Complementary Commodities)
Lecture 22	7.2 Partial Derivatives (Continued)
Lecture 23	7.3 Optimizing Functions of Two Variables
Week 10: March 7-11	
Assignment #6: Due at 11:59pm on Friday March 11th	
Lecture 24	7.3 Optimizing Functions of Two Variables (Continued)
Lecture 25	7.5 Constrained Optimization: The Method of Lagrange Multipliers
Lecture 26	7.5 Constrained Optimization (Continued)
Week 11: March 14-18	
Assignment #7: Due at 11:59pm on Friday March 18th	
Lecture 27	8.1 Introduction to Differential Equations
Lecture 28	8.1 Introduction to Differential Equations (Continued)
Lecture 29	8.2 First-Order Linear Differential Equations
Week 12: March 21-24 (no classes on Friday March 25th)	
Test #3: Evening of Wednesday March 23	
Lecture 30	8.2 First-Order Linear Differential Equations (Continued)
Lecture 31	10.2 Continuous Random Variables (Omit joint probability density functions)
Lecture 32	10.2 Continuous Random Variables (Continued)
Week 13: March 28 - April 1	
Assignment #8: Due at 11:59pm on Friday April 1st	
Lecture 33	10.3 Expected Value and Variance of Continuous Random Variables
Lecture 34	10.3 Expected Value and Variance (Continued)
Lecture 35	10.4 Normal and Poisson Probability Distributions (Omit the Poisson Distribution)
Week 14: April 4-8	
Assignment #9: Due at 11:59pm on Friday April 8th	
Lecture 36	10.4 Normal and Poisson Probability Distributions (Continued)
Lecture 37	Review
Lecture 38	Review