

Math 1M03 Course Calendar – Summer 2015

Week 1	
Assignment #0: Due at 11:59pm on Friday June 26 th	
Lecture 1: June 23rd	
	4.1 Exponential Functions
	4.2 Logarithmic Functions
Lecture 2: June 25th	
	4.2 Logarithmic Functions (Continued)
	4.3 Differentiation of Exponential and Logarithmic Functions (Omit Elasticity of Demand)
Week 2	
Assignment #1: Due at 11:59pm on Monday June 29 th	
Assignment #2: Due at 11:59pm on Friday July 3 rd	
Lecture 3: June 30th	
	4.4 Applications (Omit Optimum Holding Time)
	5.1 Antidifferentiation: The Definite Integral
Lecture 4: July 2nd	
	5.2 Integration by Substitution
	5.3 The Definite Integral and The Fundamental Theorem of Calculus
Week 3	
Assignment #3: Due at 11:59pm on Monday July 6 th	
Test #1: Thursday July 9 th (during class time)	
Lecture 5: July 7th	
	5.3 The Definite Integral and The Fundamental Theorem of Calculus (Continued)
	5.4 Applying Definite Integration (Omit Excess Profit, Lorentz Curves, Gini Index)
Lecture 6: July 9th	
	6.1 Integration by Parts
	6.2 Improper Integrals
Week 4	
Assignment #4: Due at 11:59pm on Monday July 13 th	
Assignment #5: Due at 11:59pm on Friday July 17 th	
Lecture 7: July 14th	
	7.1 Functions of Several Variables
	7.2 Partial Derivatives (Omit Substitute and Complementary Commodities)

Lecture 8: July 16th	
	7.2 Partial Derivatives (Continued)
	7.3 Optimizing Functions of Two Variables
Week 5 Assignment #6: Due at 11:59pm on Monday July 20th Test #2: Thursday July 23rd (during class time)	
Lecture 9: July 21th	
	7.5 Constrained Optimization: The Method of Lagrange Multipliers
	8.1 Introduction to Differential Equations
Lecture 10: July 23th	
	8.1 Introduction to Differential Equations (Continued)
	8.2 First-Order Linear Differential Equations
Week 6 Assignment #7: Due at 11:59pm on Monday July 27th Assignment #8: Due at 11:59pm on Friday July 31st	
Lecture 11: July 28th	
	8.2 First-Order Linear Differential Equations (Continued)
	10.2 Continuous Random Variables (Omit joint probability density functions)
Lecture 12: July 30th	
	10.2 Continuous Random Variables (Continued)
	10.3 Expected Value and Variance of Continuous Random Variables
Week 7 Assignment #9: Due at 11:59pm on Monday August 3rd Final Exam: Thursday August 6th (during class time)	
Lecture 13: August 4th	
	10.3 Expected Value and Variance (Continued)
	10.4 Normal and Poisson Probability Distributions (Omit the Poisson Distribution)
	Review (as time permits)