

Math 163A Sample Schedule for Fall 2009

Date	Class topics
Tue Sep 8	2-1 Functions (Handout 1)
Thu Sep 10	2-2 Graphs and Transformations, 2-3 Quadratic Functions (Handout 2)
Fri Sep 11	2-3 Business Terminology; Polynomial Functions (Class Drill 1) (H1 Due)
Mon Sep 14	2-4 Exponential Functions
Tue Sep 15	2-5 Logarithmic Functions
Thu Sep 17	2-5 Applications of Exponential and Logarithmic Functions
Fri Sep 18	Exam 1 on Chapters 1 and 2
Mon Sep 21	3-1 Introduction to Limits: Graphical Approach (Handout 3) (Class Drill 2)
Tue Sep 22	3-1 Introduction to Limits: Algebraic Approach
Thu Sep 24	3-2 Continuity
Fri Sep 25	3-3 Infinite Limits (Homework 2 Due)
Mon Sep 28	3-3 Limits at Infinity (Class Drill 3)
Tue Sep 29	3-4 The Derivative (Handout 4) (Class Drill 4)
Thu Oct 1	3-4 The Derivative (Class Drill 5)
Fri Oct 2	3-5 Basic Differentiation Properties (Homework 3 Due)
Mon Oct 5	3-5 Basic Differentiation Properties
Tue Oct 6	3-6 Differentials
Thu Oct 8	3-7 Marginal Analysis in Business and Economics
Fri Oct 9	Exam 2 on Chapter 3
Mon Oct 12	4-1 The Constant e and Continuous Compound Interest
Tue Oct 13	4-2 Derivatives of Exponential Functions
Thu Oct 15	4-2 Derivatives of Logarithmic Functions
Fri Oct 16	4-3 Derivatives of Products and Quotients (Class Drill 6) (Homework 4 Due)
Mon Oct 19	4-4 The Chain Rule
Tue Oct 20	4-4 The Chain Rule (Class Drill 7)
Thu Oct 22	4-5 Implicit Differentiation
Fri Oct 23	4-5 Implicit Differentiation (Homework 5 Due)
Mon Oct 26	4-6 Related Rates
Tue Oct 27	4-6 Related Rates
Thu Oct 29	Exam 3 on Chapter 4
Fri Oct 30	5-1 First Derivative and Graphs
Mon Nov 2	5-2 Second Derivative and Graphs (Class Drill 8)
Tue Nov 3	5-2 Second Derivative and Graphs
Thu Nov 5	5-4 Curve Sketching and Graphs (Handout 5) (Class Drill 9)
Fri Nov 6	5-4 Curve Sketching and Graphs (Homework 6 Due)
Mon Nov 9	5-5 Absolute Maxima and Minima (Class Drill 10)
Tue Nov 10	5-5 Absolute Maxima and Minima
Thu Nov 12	5-6 Optimization
Fri Nov 13	5-6 Optimization (Homework 7 Due)
Mon Nov 16	Review and Course Evaluations