

Math 163B Sample Schedule for Spring 2009

Date	Class topics
Mon Mar 30	6-1 Antiderivatives and Indefinite Integrals
Tue Mar 31	6-1 Antiderivatives and Indefinite Integrals
Thu Apr 2	6-2 Integration by Substitution
Mon Apr 6	6-2 Integration by Substitution
Tue Apr 7	6-3 Differential Equations (but not Slope Fields)
Thu Apr 9	6-3 Exponential Growth and Decay
Mon Apr 13	6-3 Limited Growth; Logistic Growth
Tue Apr 14	Exam 1 covering Sections 6-1 through 6-3
Thu Apr 16	6-4 Approximating Areas by Left and Right Sums
Mon Apr 20	6-4 The Definite Integral as a Limit of Sums
Tue Apr 21	6-5 Introduction to the Fundamental Theorem; Evaluating Definite Integrals
Thu Apr 23	6-5 Average Value of a Function Over an Integral
Mon Apr 27	7-1 Area between Curves
Tue Apr 28	7-1 Area between Curves
Thu Apr 30	7-2 Probability Density Functions
Mon May 4	7-2 Continuous Interest Stream; Future Value of a Continuous Interest Stream
Tue May 5	7-3 Integration by Parts
Thu May 7	7-3 Integration by Parts
Mon May 11	Leftovers and Review
Tue May 12	Exam 2 covering Sections 6-4 through 7-3
Thu May 14	8-1 Functions of Several Variables
Mon May 18	8-1 Functions of Several Variables
Tue May 19	8-2 Partial Derivatives
Thu May 21	8-2 Second-Order Partial Derivatives
Mon May 25	Holiday: No Class
Tue May 26	8-3 Maxima and Minima
Thu May 28	8-3 Maxima and Minima
Mon Jun 1	8-4 Maxima and Minima Using Lagrange Multipliers
Tue Jun 2	8-4 Maxima and Minima Using Lagrange Multipliers
Thu Jun 4	Leftovers, Review, Course Evaluations