

Date	Textbook Section	Topic	Suggested Practice
August 26		1.1 Real numbers, inequalities, and lines	#6-25, 33-48, 61-65
August 28		1.2 Exponents	#1-35, 57-65, 71-80
August 30		1.3 Functions	#1-15, 23-30, 35-40, 65, 68, 79, 92, 93
September 4		1.4 Functions, continued	#1-5, 11-20, 33-40, 49-54, 63-67
September 6		2.1 Limits and Continuity	#5-8, 13-16, 23-28, 33-50, 61-76
September 9		2.2 Rates of change, slopes, and derivatives	#1-10, 17-20, 25-30, 55, 56, 66-68
September 11		2.3 Some differentiation formulas	#1-40, 47, 49, 51, 52
September 13		2.4 The Product and Quotient Rules	#5-15, 31-46, 53-62
September 16		2.5 Higher-order derivatives	#1-54
September 18		2.6 The Chain Rule and the Generalized Power Rule	#11-50, 57
September 20		2.7 Nondifferentiable functions	#1-8
September 23		Review	
September 25		Exam 1	
September 27		3.1 Graphing using the first derivative	#1-25, 33-45
September 30		3.2 Graphing using the first and second derivatives	#1-15, 29, 30, 41-45, 49, 50, 57, 58
October 2		3.3 Optimization	#1-10, 19, 20, 25-30, 36-46
October 4		3.4 Further applications of optimization	#1-13, 21
October 7		3.5 Optimizing lot size and harvest size	#1-15
October 9		3.6 Implicit differentiation and related rates	#1-20, 37-40, 59-63, 66, 69
October 11		4.1 Exponential functions	#1-11, 13, 16, 17, 19, 22, 30
October 16		4.2 Logarithmic functions	#1-14, 17-23, 31, 32
October 18		4.3 Differentiation of exponential and logarithmic functions	#1-44, 51-54, 59-62, 119-122
October 21		4.4 Relative rates and elasticity of demand	#1-32
October 23		Review	
October 25		Exam 2	
October 28		5.1 Antiderivatives and indefinite integrals	#1-35, 43-48
October 30		5.2 Integration using logarithmic and exponential functions	#1-25, 41-45
November 1		5.3 Definite integrals and area	#19-25, 47-66, 75-82, 86, 90, 107
November 4		5.4 Average value and area between curves	#1-10, 27-30, 37-50
November 6		5.5 Consumers/producer surplus and income distribution	#1-20
November 8		5.6 Integration by substitution	#13-60
November 11		6.1 Integration by parts	#9-46
November 13		6.2 Integration using tables	#7-15, 57-60
November 15		7.1 Functions of several variables	#9-12, 31, 35-37

November 18	7.2	Partial derivatives	#1-32, 41-44
November 20		Review	
November 22		Exam 3	
December 2	7.3	Optimizing functions of several variables	#1-25
December 4		Optimizing functions of several variables (cont)	
December 6	7.5	Lagrange multipliers and constrained optimization	#1-31
December 9		Review	
December 12th		Departmental Final for all Day Sections 8AM-9:50AM.	