

Daily Schedule

"PSD" denotes Problem Solving Day

Aug	25	Preliminaries
	26	Section 2.1: INSTANTANANEOUS RATE OF CHANGE
	27	Sections 2.1, 2.2: THE DERIVATIVE FUNCTION
	28	Section 2.2
	29	PSD
Sep	1	LABOR DAY
	2	Section 2.3: INTERPRETATIONS OF THE DERIVATIVE
	3	Sections 2.3, 2.4: THE SECOND DERIVATIVE
	4	Section 2.4
	5	PSD
	8	Section 1.4: APPLICATIONS OF FUNCTIONS TO ECONOMICS
	9	Section 2.5: MARGINAL COST & REVENUE
	10	Section 2.5, Focus on Theory: LIMITS & CONTINUITY
	11	Ch. 2 Focus on Theory: LIMITS, CONTINUITY & DEFINITION OF THE DERIVATIVE
	12	PSD
	15	Review for Exam #1
	16	EXAM #1 (covers Sections 2.1 - 2.5, Focus on Theory, Section 1.4)
	17	Section 3.1: DERIVATIVE FORMULAS FOR POWERS & POLYNOMIALS
	18	Sections 3.1, 3.2: EXPONENTIAL & LOGARITHMIC FUNCTIONS
	19	Section 3.2
	22	Section 3.3: THE CHAIN RULE
	23	Section 3.3
	24	Section 3.4: THE PRODUCT & QUOTIENT RULES
	25	Section 3.4
	26	PSD
	29	Section 4.1: LOCAL MAXIMA & MINIMA (USING THE DERIVATIVE)
	30	Sections 4.1, 4.2: INFLECTION POINTS (USING THE DERIVATIVE)
Oct	1	Section 4.2
	2	Section 4.3: GLOBAL MAXIMA & MINIMA (USING THE DERIVATIVE)
	3	PSD
	6	Section 4.3
	7	Review for Exam #2
	8	EXAM #2 (covers Sections 3.1 - 3.4, 4.1 - 4.3)
	9	READING DAY
	10	READING DAY
	13	Section 4.4: PROFIT, COST & REVENUE (USING THE DERIVATIVE)
	14	Sections 4.4, 4.5: AVERAGE COST (USING THE DERIVATIVE)
	15	Sections 4.5, 4.6: ELASTICITY OF DEMAND (USING THE DERIVATIVE)
	16	Section 4.6
	17	PSD

	20	Section 5.1: DISTANCE & ACCUMULATED CHANGE
	21	Sections 5.1, 5.2: THE DEFINITE INTEGRAL
	22	Section 5.2
	23	Section 5.3: THE DEFINITE INTEGRAL AS AREA
	24	PSD
	27	5.4: INTERPRETATIONS OF THE DEFINITE INTEGRAL
	28	Review for Exam #3
	29	EXAM #3 (covers Sections 4.4 - 4.6, 5.1 - 5.4)Section 5.6
	30	Section 5.5: TOTAL CHANGE & THE FUNDAMENTAL THEOREM OF CALCULUS
	31	Sections 5.5, 5.6: AVERAGE VALUE
Nov	3	Section 6.1: ANALYZING ANTIDERIVATIVES GRAPHICALLY AND NUMERICALLY
	4	Sections 6.1, 6.2: ANTIDERIVATIVES AND THE INDEFINITE INTEGRAL
	5	Section 6.2
	6	Section 6.3: USING THE FUNDAMENTAL THEOREM TO FIND DEFINITE INTEGRALS
	7	PSD
	10	Sections 6.3, 6.4: CONSUMER AND PRODUCER SURPLUS
	11	VETERAN'S DAY
	12	Section 6.4
	13	Section 1.7: EXPONENTIAL GROWTH & DECAY (Financial applications)
	14	PSD
	17	6.5: PRESENT AND FUTURE VALUE
	18	Sections 6.5, 6.6: INTEGRATION BY SUBSTITUTION
	19	Section 6.6
	20	Review for Exam #4
	21	EXAM #4 (covers Sections 5.5, 5.6, 6.1 - 6.6)
	24	Section 7.1: DENSITY FUNCTIONS
	25	Section 7.2: CUMULATIVE DISTRIBUTION FUNCTIONS AND PROBABILITY
	26	Section 7.2, 7.3: THE MEDIAN AND THE MEAN
	27	THANKSGIVING
	28	BLACK FRIDAY
Dec	1	PSD
	2	Section 7.3
	3	Review for Final Exam
	4	Review for Final Exam
	5	Review for Final Exam