

Week Number	LECTURE MATERIAL	HOMEWORK
1		
JULY 13	Syllabus 2.1: A Preview of Calculus 2.2: The Limit of a Function	WebAssign HW1 and HW2 due July 24 by 11:59pm
2		
JULY 17	2.3: The Limit Laws 2.4: Continuity – Part 1	WebAssign HW3 due July 24 by 11:59pm
JULY 18	2.4: Continuity – Part 2 3.1:Defining the Derivative	WebAssign HW4 and HW5 due July 24 by 11:59pm
JULY 19	3.2:The Derivative as a Function 3.3: Differentiation Rules	WebAssign HW6 and HW7 due July 24 by 11:59pm
JULY 20	3.4:Derivatives as Rates of Change 3.5: Derivatives of Trigonometric Functions	WebAssign HW8 and HW9 due July 24 by 11:59pm
3		
JULY 24	Review 1 Exam 1 covers Section 2.1 through 3.5	
JULY 25	3.6: The Chain Rule 3.7: Derivatives of Inverse Functions – Part 1	WebAssign HW10 due August 2 by 11:59pm
JULY 26	3.7: Derivatives of Inverse Functions – Part 2 3.8: Implicit Differentiation	WebAssign HW11 and HW12 due August 2 by 11:59pm

Week Number	LECTURE MATERIAL	HOMEWORK
JULY 27	3.9: Derivatives of Exponential and Logarithmic Functions 4.1:Related Rates – Part 1	WebAssign HW13 due August 2 by 11:59pm
4		
JULY 31	4.1:Related Rates – Part 2 4.2:Linear Approximations and Differentials	WebAssign HW14 and HW15 due August 2 by 11:59pm
AUGUST 1	4.3:Maxima and Minima 4.4:The Mean Value Theorem	WebAssign HW16 and HW17 due August 14 by 11:59pm
AUGUST 2	Review 2 Exam 2 Covers Section 3.6 through 4.2	
AUGUST 3	4.5:Derivatives and the Shape of a Graph 4.6:Limits at Infinity and Asymptotes	WebAssign HW18 and HW19 due August 14 by 11:59pm
5		
AUGUST 7	4.7: Applied Optimization Problems 4.8:L'Hôpital's Rule	WebAssign HW20 and HW21 due August 14 by 11:59pm
AUGUST 8 (DROP DATE)	4.9:Newton's Method 4.10: Antiderivatives	WebAssign HW22 and HW23 due August 14 by 11:59pm
AUGUST 9	5.1:Approximating Areas 5.2: The Definite Integral	WebAssign HW24 and HW25 due August 14 by 11:59pm
AUGUST 10	5.3: The Fundamental Theorem of Calculus 5.5: Substitution – Part 1	WebAssign HW26 due August 17 by 11:59pm
6		
AUGUST 14	Review 3 Exam 3 Covers Sections 4.3 through 5.2	

Week Number	LECTURE MATERIAL	HOMEWORK
AUGUST 15	5.5: Substitution – Part 2 5.6: Integrals Involving Exponential and Logarithmic Functions	WebAssign HW27 and HW28 due August 17 by 11:59pm
AUGUST 16	5.7: Integrals Resulting in Inverse Trigonometric Functions 6.1: Areas between Curves	WebAssign HW29 and HW30 due August 17 by 11:59pm
AUGUST 17	Review 4 Final Exam is comprehensive with an emphasis on sections 5.3 through 6.1	