Lecture Date	Section		Assigned Paper Exercises	Online Assignment
Sep 2-5 (cover in two lectures)	**1.1/1.2**	Functions	1.1: 3, 12, 21, 46, 55, 72; 1.2: 4, 8, 16	**1.1-2**
	1.3	New functions from old	1.3: 1, 7, 13, 21, 30, 33, 47, 55	**1.3**
	Appx D	Trig	Appx D: 24, 27, 37, 46, 53, 73, 79	**Appx D**
		Pretest Sep 4,5,8,9, late day Sept 10. BYU Testing Center -- Note Shortened Hours (1:00pm-6:00pm).		
Sep 8-12	**1.5**	Exponential Functions and Growth	1.5: 3, 4, 11, 12, 19, 21, 23, 24, 25	**1.5**
	1.6	Inverse Functions and Logarithms	18, 48, 49, 71, 75	**1.6**
	2.1/2.2	Tangent and velocity/ Limits	2.1: 5, 7; 2.2: 6, 9, 16, 33, 34, 38a, 43, 46	**2.1 and 2.2**
Sep 15-19	**2.3**	Calculating Limits	10, 17, 20, 21, 25, 26, 28	**2.3**
	2.3	Calculating Limits (cont.)	38, 39, 41, 44, 57, 58, 60	**2.3b**
	2.4	The Precise Definition of a Limit	1, 2, 7, 11, 13	**2.4**
Sep 22-26	**2.5**	Continuity	4, 6, 7, 17, 20, 23, 25, 47ab, 62	**2.5**
	2.5	Continuity (cont.)	35, 36, 40, 41, 43, 45, 49, 53	**2.5b**
	2.6	Limits at Infinity and Asymptotes	4, 5, 7, 10, 13, 24, 35, 43, 50	**2.6**
Sep 29-Oct 3	**2.7**	Derivatives and Rate of Change	3ab, 7, 12, 17, 18, 19, 21, 22, 33, 47, 48	**2.7**
	2.8	The Derivative as a Function	3, 5, 6, 11, 22, 27, 40, 46. Prove f diff at a --> f cont at a.	**2.8**
	Rev	Chapter 1 and 2 Review	Ch1 rev. p 73: 11, 17, 23, 25; Ch2 rev. p 167: 2, 33, 47, 48	**Rev1**
		Exam 1: Oct 3(Fri), 4(Sat), 6(Mon), late day Oct 7(Tue). Chapters 1 and 2.		
Oct 6-10	**3.1**	Deriv. of Polys and Exponentials	4, 11, 16, 23, 26, 55, 61, 74, 77	**3.1**
	3.2	The Product and Quotient Rules	2, 11, 23, 24, 32, 42, 49, 51, 59	**3.2**
	3.3	Derivatives of Trig. Functions	9, 10, 18, 20, 35, 42, 45, 49	**3.3**
Oct 13-17	**3.4**	The Chain Rule	12, 19, 25, 31, 41, 47, 63, 65, 92	**3.4**
	3.5	Implicit Differentiation	3, 15, 21, 25, 36, 53, 55, 63,	**3.5**
	3.6	Derivatives of Log Functions	7, 16, 24, 27, 33, 40, 46, 47, 53	**3.6**
Oct 20-24	**3.7**	Rates of Change in Sciences	5, 18, 23ab, 31, 33	**3.7**

	3.9	Related Rates	2, 27, 30, 35	**3.9**
	4.1	Maximum and Minimum Values	3, 7, 9, 10, 11, 13, 35, 38, 57, 60, 74, 76	**4.1**
Oct 27-31	**4.2**	The Mean Value Theorem	7, 15, 17, 28, 29, 30, 35	**4.2**
	Rev	Review	Ch3 rev. p 265: 53; Ch4 rev. p 352: 5, 45	**Rev2**
		Exam 2: Oct 29(Wed), 30(Thur), late day Oct 31(Fri). Derivatives, 3.1 through 4.2.		
	4.3	Shape of a Graph	1, 6, 7, 21, 23, 25, 28, 32, 62, 74	**4.3**
Nov 3-7	**4.4**	L'Hospital's Rule	4, 11, 17, 29, 33, 41, 50, 57	**4.4**
	4.5	Curve Sketching	5, 9, 10, 17 and turn in graphs from online homework	**4.5**
	4.7	Optimization Problems	7, 14, 20, 33, 57	**4.7**
Nov 10-14	**4.7**	Optimization Problems (cont.)	13, 19, 23, 32, 18, 28, 30, 67	**4.7b**
	3.10/4.8	Linear Approx/Newton's Method	3.10: 1, 2, 3, 5, 23, 28, 43; 4.8: 1, 2, 3, 4, 29	**4.8 and 3.10**
	4.9	Antiderivatives	12, 15, 17, 27, 34, 41, 51, 53, 55, 69, 71	**4.9**
Nov 17-21	**Appdx E**	Sigma Notation	5, 10, 13, 20, 23, 30, 35, 41cd, 43	**Appdx E**
	Rev	Chapter 4 Review	Ch4 rev. p 352: 15, 18, 52	**Rev3**
	5.1/5.2	Areas & Distance/Definite Integral	5.1: 1a, 14, 21, 23; 5.2: 5ab, 17, 29, 71	**5.1/5.2**
		Exam 3: Nov 19(Wed), 20(Thur), late day Nov 21(Fri). Applications, 4.3 through Appdx E.		
Nov 24,25	**5.2**	The Definite Integral (cont.)	33, 37, 43, 47, 49, 50, 51, 52, 59, 67	**5.2b**
	5.3	Fundamental Theorem of Calculus	1, 3, 9, 12, 15, 55, 58, 62, 67	**5.3**
Dec 1-5	**5.3**	Fund. Theorem of Calculus (cont.)	22, 29, 31, 43, 45, 63, 69, 70, 78	**5.3b**
	5.4	Indefinite Integrals and Net Change	9, 29, 35, 45, 51, 54, 56, 59, 61, 63	**5.4**
	5.5	The Substitution Rule	5, 9, 18, 25, 38, 47, 48, 59, 67, 70, 77, 87	**5.5**
Dec 8-11	**Rev**	Chapter 5 Review	Ch5 rev. p 418: 7, 12, 29, 44 51, 57	**Rev4**
		Final Exam Review		
		FINAL EXAM: (SUBJECT TO CHANGE) Tuesday, December 16 2:30-5:30 PM, location TBA		