

Tentative Schedule

<u>Date</u>			<u>Section and Topic</u>	<u>Exercises</u>
August	25	M	5.4 Introduction to calculus	P.12: 1, 4, 15, 17, 20, 45, 46. P.20: 11, 20, 39. & P.28: 7, 8, 13, 40, 48. & P.35: 7, 20, 22
	27	W	2.1 Rates of change & tangents	P61: 1, 2, 3, 5, 7, 9, 11, 10, 13, 14
	29	F	2.2 Limits	P71: 1, 3, 5, 7, 9, 18, 24, 25, 28, 33, 39, 43
September	1	M	Labor Day Holiday	
	3	W	2.4 Limits & limits at infinity	P94: 1, 2, 3, 7, 9, 15, 23, 39, 51, 59, 73
	5	F	2.5 Infinite limits & vertical asymptotes	P102: 1, 3, 5, 7, 9, 11, 17, 21, 27, 29, 31, 33, 37
			Last day to drop without a W	
	8	M	2.6 Continuity	P113: 1-6, 11-27 (odd), 33, 39, 57
	10	W	2.7 Tangents & derivative at a point	P118: 1, 3, 4, 5, 7, 8, 11, 13, 21, 23, 27, 29
	12	F	3.1 The derivative as a function	P132: 1, 3, 5, 7, 9, 11, 13, 17
	15	M	3.2 Differentiation rules	P132: 27-30, 33, 43; P144: 1, 3, 5, 7, 1
	17	W	3.2 Differentiation rules	P144: 13, 15, 17, 19, 21, 24, 25, 27, 33, 37, 39, 43, 45
	19	F	3.3 The derivative as a rate of change	P153: 1, 3, 7, 15, 18, 25
	22	M	3.4 Derivatives of trig. functions	P162: 1, 3, 5, 7, 9, 13, 17, 23, 31
	24	W	3.5 Chain rule and parametric curves	P173: 1, 3, 5, 9, 11, 17-33 (odd)
	26	F	3.5 Chain rule and parametric curves	P173: 35-41 (odd), 67, 68, 81, 83, 85, 89, 101
October	29	M	3.6 Implicit differentiation	P181: 1, 3, 5, 7, 11, 19, 21, 25, 31, 35, 3
	1	W	Review for Exam 1	
	2	R	EXAM 1	
	3	F	1.5 Inverse functions and logarithms	P47: 1-6, 7, 13, 15, 17, 25, 41, 45
	6	M	3.7 Derivatives of inverse functions	P192: 11-27 (odd), 41, 43, 51, 55, 87 45, 48, 49, 51, 56
	8	W	3.8 Inverse trig functions & logarithms	P199: 1, 3, 7, 13, 21, 23, 29, 33, 41
	9	R	Project Assigned	
	10	F	3.9 Related rates	P205: 1, 3, 7, 10, 11, 13, 15, 17, 18, 21, 22, 23
	13	M	3.10 Linearization & differentials	P218: 1, 3, 5, 19, 21, 27, 31, 33, 41
	15	W	4.1 Extrema	P243: 1, 3, 5, 7-10, 15, 17, 21, 31, 35, 39, 45, 51
	16	R	Paper Gateway Exam	
	17	F	4.2 The Mean Value Theorem	P251: 1, 2, 3, 5, 10, 15, 27, 29, 30
			Last day to change to or from Pass/No Pass	
	20-21		Fall Semester Break	
	22	W	4.3 Monotonic functions & first deriv. test	P258: 1, 3, 5, 9, 13, 17, 25, 39, 47, 49
	24	F	4.4 Concavity & curve sketching	P267: 1, 2, 5, 9, 11, 15, 17, 25
	27	M	4.7 Newton's method	P294: 1, 3, 19; P267: 27, 29, 47
	29	W	Review for Exam 2	
	30	R	EXAM 2	
	31	F	4.5 Applied optimization	P276: 2, 3, 4, 5, 7, 8, 9, 11
November	3	M	4.5 Applied optimization	P276: 12, 14, 20, 33
	5	W	4.6 L'Hôpital's Rule	P289: 1, 5, 7, 9, 13, 15, 19, 23, 25, 33, 35, 45, 57, 61, 63
	7	F	4.8 Antiderivatives	P302: 1-55 (odd—except 17, 47, 49); 71, 75, 83
			Deadline for passing the Gateway Exam.	
	10	M	5.1 Riemann Sums	P322: 1b, 3b, 4a, 7, 11, 19
	12	W	5.2 Limits of Riemann Sums	P331: 1, 5, 7, 8, 11, 15, 17, 20, 23, 29
	13	R	PROJECT DUE	
	14	F	5.3 The definite integral	P341: 1, 3, 9, 11, 15, 17, 19, 43, 47
			Last day to drop with a W	
	17	M	5.4 Fundamental Theorem of Calculus	P351: 1-31 (odd), 35, 41, 43, 51, 57
	19	W	5.5 Indefinite integrals & substitution	P358: 1, 5, 7, 9, 13, 17, 21, 25, 29, 33, 37, 59
	21	F	5.6 Substitution & area between curves	P366: 1, 3, 5, 9, 11, 27, 31, 39, 41, 47, 51, 57, 63, 65, 75
	24	M	6.1 Volumes by slicing	P399: 1, 3, 5, 19, 21, 29, 49
	26-30		Thanksgiving Holiday	
December	1	M	6.2 Volumes by cylindrical shells	P406: 1, 3, 5, 7, 11, 15, 25, 27
	3	W	Review for Exam 3	
	4	R	EXAM 3	
	5	F	6.3 Lengths of plane curves	P413: 1, 3, 5, 9, 15
	8	M	Catch up/Review	
	10	W	Catch up/Review	
	12	F	Catch up/Review	
	15	M	FINAL EXAM, 6pm-8pm	

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