

Wk of	Notes	Topics	Assigned	Recommended
1/18	1/18: Holiday	4.5, 5.10: L'Hopital's rule, improper integrals	<i>Hw-01: due 2/3</i> 4.5: 6,20,28,34,42 5.10: 8,18,20,22,26,36	4.5: 2,3,8,14,18,30, 36, 40,65
1/25		5.10, 8.1, 8.2: improper integrals, sequences, series		5.10: 2,12,14,28,35,50
2/1		8.2, 8.3: geometric series, comparison and integral tests	<i>Hw-02: due 2/10</i> 8.2: 12,16,18,22,42 8.3: 8,10,18,20,26	8.2: 9,10,14,20,24,43 8.3: 4,5,16,28,30,41
2/8		8.4, 8.5: alternating series, absolute convergence, ratio test, power series	<i>Hw-03: due 2/17</i> 8.4: 4,6,22,24,30,40 8.5: 4,10,18,26	8.4: 3,10,23,32 8.5: 6,12,14,24,25
2/15	2/15: Holiday 2/16: Lecture	8.6, 8.7: power series, Taylor series	<i>Hw-04: due 2/24</i> 8.6: 6,8,11,32 8.7: 6,14,16,28,52,60	8.6: 4,10,33(a) 8.7: 7,12,18,30,62
2/22	2/25: Quiz-1 <i>thru 8.6</i>			9.2: 6,8,18,20,22,23,24
3/1		9.1, 9.2, 9.3, 9.4: vectors, dot product, cross product	<i>Hw-05: due 3/10</i> 9.3: 2,10,18,22,24,32,38,49,50 9.4: 2,5,8,22,24	9.3: 8,16,23,31,37,39 9.4: 1,4,6,12,23,25
3/8		9.5, 10.1: lines, planes, vector functions	<i>Hw-06: due 3/24</i> 9.5: 4,8,10,14,18,26,38,40,44	9.5: 5,6,13,15,17,25,28,37 42,45
3/15	Spring Break			

Wk of	Notes	Topics	Assigned	Recommended
3/22		10.1, 10.2, 10.4: vector functions, curves and motion in 3-space	<i>Hw-06: due 3/24</i> 9.5: 4,8,10,14,18,26,38,40,44	9.5: 5,6,13,15,17,25,28,37,42,45
3/29	4/1: Quiz-2 <i>thru 9.5</i> 4/2: Holiday	11.1, 11.3: multivariable functions, level curves, partial derivatives	<i>Hw-07: due 4/7</i> 10.1: 6,10,28 10.2: 4,12,18,20,24,36,40 10.4: 10,14,18 11.1: 6,12,20	10.1: 5,7,8,27 10.2: 3,22,39 10.4: 12,13,17 11.1: 5,10,19,21,36,38
4/5		11.4, 11.5, 11.6: tangent plane, chain rule, gradient, directional derivatives	<i>Hw-08: due 4/14</i> 11.3: 16,26,28,42,52,72(a) 11.4: 2,4 11.5: 2,10,24,26,32,36 11.6: 6,8,16,20,30,42,52	11.3: 22,30,40,56,72(b) 11.4: 6 11.5: 6,8,23,28,30,38 11.6: 4,12,32,41,50
4/12		11.7, 11.8: optimization, Lagrange multipliers	<i>Hw-09: due 4/21</i> 11.7: 6,8,30,36,46 11.8: 6,8,18,28	11.7: 10,12,28,38,47 11.8: 4,10,19,30
4/19		12.1, 12.2, 12.3: double integrals, iterated integrals	<i>Hw-10: due 4/28</i> 12.2: 10,16,26,28 12.3: 8,14,16,20,26,42,46,48	12.2: 8,18,19,29 12.3: 10,17,32,43,52,53
4/26	4/29: Quiz-3 <i>thru 11.8</i>	H1, 12.4: integrals in polar coordinates	<i>Hw-11: due 5/5</i> H.1: 2,4,10,14,18,26,27,29 12.4: 6,10,15,16,28	H.1: 1,3,12,15,17,30,31 12.4: 5,12,18,19,22,30
5/3				
	5/6 – 5/19	Review and Final Exam; <i>Cumulative Exam</i>		