

Date	Section, topic, assignments.	Optional assignment from text.
24-Aug	Ch. 1 Review of functions	Review, p. 56 #1,2,3,5,6,8-12,16-19
25-Aug	Pretest, Assignment A1.	
26-Aug	Mathematical induction, handout.	
29-Aug	2.1 Tangent and velocity problems	§2.1 #1,2,3,5,6,8,9
	2.2 Limit of a function	§2.2, #2,4,5,6,9,12,13,15,25,28
30-Aug	Assignment A2.	
31-Aug	2.3 Calculating limits using the limit laws	§2.3 #1,2,11,13,15,17,20,22,28,39,40,49
	2.4 The precise definition of a limit (lightly)	§2.4 #1,2,3,4,5,6,9,10
1-Sep	Worksheet 1. Practice quiz.	
2-Sep	2.5 Continuity	§2.5, #1,3,4,5,6,7,9,11,17,21,37
5-Sep	Labor day, academic holiday	
6-Sep	12m submission deadline for A1 and A2	
	Assignment A3, Practice quiz	
7-Sep	2.6 Tangents, velocities and rates of change	§2.6 #1,2,3,5,13,15,17,18,23
	10am Worksheet 1 due	
8-Sep	Assignment A4, Worksheet 2.	
9-Sep	3.1 Derivatives	§3.1 #3,4,6,7,9,12,15,16,19,22,25,26
12-Sep	3.2 The derivative as a function	§3.2 #1,2,4,7,10,12,17,25,36,39,41
	12m submission deadline for A3 and A4.	
13-Sep	Assignment A5, Practice quiz	
14-Sep	3.3 Differentiation formula	§3.3 #5,10,16,18,21,25,28,33,40,44,53,57,58,62
	10am, Worksheet 2 due	
	Last day to drop	
15-Sep	Assignment A6	
16-Sep	Review	
19-Sep	Review	
	12m submission deadline for A5 and A6.	
20-Sep	R1 (not graded)	
	First exam, 7:30-9:30pm room TBA.	
21-Sep	Appendix D, Trigonometry	Appendix D, #1,4,7,10,13,15,23,26,29,30,31,
22-Sep	Assignment B1	31,35,36,37,42,43,45,52,54,59,65,67,68
23-Sep	3.5 Derivatives of trigonometric functions	§3.5 #3,6,9,12,18,29,30,35,36,43
26-Sep	3.6 The chain rule	§3.6 #1,5,6,7,10,15,16,19,25,28,45,46,55,56
	12m submission deadline for B1.	
27-Sep	Assignment B2, practice quiz.	
28-Sep	3.7 Implicit differentiation	§3.7 #3,4,7,10,14,15,26,29,35,39
29-Sep	Assignment B3, Worksheet 3.	
30-Sep	3.8 Higher derivatives	§3.8 #1-3,11,18,25,26,39,41,44,49,50,53
3-Oct	3.9 Related rates	§3.9 #1,2,4,6-8,10-12,14-17,20-22
	12m submission deadline for B2 and B3.	
4-Oct	Assignment B4, Worksheet 4.	
5-Oct	3.10 Linear approximation	§3.10 #1,3,7,8,13,15,27,31,32,37
	Worksheet 3 due in class.	
6-Oct	Assignment B5, practice quiz	
7-Oct	Fall break, academic holiday	
	12m submission deadline for B4 and B5.	
10-Oct	4.1 Maximum and minimum values	§4.1 #1,2,3,4,5,9,11,17,18,23,47,48,52
11-Oct	Assignment B6.	
12-Oct	4.2 The mean value theorem	§4.2 #1,3,5-8,15-19,22
	10am, Worksheet 4 due in class.	
13-Oct	Assignment B7, practice quiz.	
14-Oct	Review	
17-Oct	Review	
	12m submission deadline for B6 and B7.	
18-Oct	R2 (not graded)	
	7:30-9:30 pm Exam 2, room TBA	

19-Oct	4.3 Derivatives and the shape of a graph	§4.3 #1,2,5,6,7-9,11-17,22-26,29,31,33
18-Oct	Assignment C1	
21-Oct	4.4 Limits at infinity Last day to withdraw	§4.4 #1-4,9,11,13,15,17,19,21,23,35,37,39,43,58
24-Oct	4.5 Summary of curve sketching 12m submission deadline for C1.	§4.5 #3,12,13,17,23,27,31
25-Oct	Assignment C2, practice quiz	
26-Oct	4.5 continued	§4.6 #20,21,26,27
27-Oct	10am, Worksheet 5 due	
28-Oct	4.7 Optimization problems	§4.7 #2,3,6,7,10,16,19,22,29,32,35,51,52.
31-Oct	4.7 Optimization problems 12m submission deadline for C2	
1-Nov	Assignment C3, practice quiz	
2-Nov	4.9 Newton's method Worksheet 5 due in class.	§1,4,5,6,11,27,31,34,35
3-Nov	Assignment C4. worksheet 6.	
4-Nov	4.10 Anti-derivatives	§4.10 #1,3,5,7,21,23,25,31,36,37,39,40,53,55,68,71
7-Nov	5.1 Areas and distances 12m submission deadline for C3 and C4.	§5.1 #1,3,4,5,11,12,20,22
8-Nov	Assignment C5.	
9-Nov	5.2 The definite integral 10am, Worksheet 6	§5.2 #1,7,9,17,19,25,29,30,33-36,39,47-49,55,57
10-Nov	Assignment C6, practice quiz	
11-Nov	Review	
14-Nov	Review 12m submission deadline for C5 and C6 Gottfried Wilhelm Leibniz died, 1716	
15-Nov	7:30pm-9:30pm, room TBA.	
16-Nov	5.3 The fundamental theorem of calculus Assignment D1	§5.3 #1,7-11,13,19,21,23,25,27,31,33,51,
18-Nov	5.4 Indefinite integrals	§5.4 #1,3,17,19,21,23,25,31,33,43,46,48
21-Nov	5.5 Substitution	§5.5 #1,3,9,11,13,15,17,19,21,27,37,39,45,49,57,58
22-Nov	Assignment D2, practice quiz	
23-Nov	5.5 Substitution, continued	
24-Nov	Thanksgiving day, academic holiday.	
25-Nov	Academic holiday.	
28-Nov	6.1 Areas between curves	§6.1 #1,2,5,7,11,13,21,22,24,45
29-Nov	Assignment D3	
30-Nov	6.2 Volume	§6.2 #1,3,12,13,14,47,48,49,53
1-Dec	Assignment D4, practice quiz	
2-Dec	6.3 Volume by cylindrical shells	§6.3 #1,9,11,13,15,17,43,45.
5-Dec	Review 12m submission deadline for D3 and D4	
6-Dec	Assignment D5, practice quiz	
7-Dec	Review	
8-Dec	R4 (not graded) 12m submission deadline for D5.	
9-Dec	Review	
13-Dec	Final exam, room to be announced.	