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

Date	Section, topic, assignments.	Assignments (textbook problems are optional)
18-Oct	4.2 The mean value theorem	§4.2 #1,3,5-8,15-19,22
19-Oct	Assignment C1	C1: The mean value theorem
20-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
	Last day to withdraw	
23-Oct	4.4 Limits at infinity	§4.4 #1-4,9,11,13,15,17,19,21,23,35,37,39,43,58
	12m submission deadline for C1.	
24-Oct	Assignment C2, worksheet 5	C2: Derivatives and the shape of a graph
25-Oct	4.5 Summary of curve sketching	§4.5 #3,12,13,17,23,27,31
26-Oct	Practice quiz 7	C3: Summary of curve sketching
27-Oct	4.5 continued	§4.6 #20,21,26,27
30-Oct	4.7 Optimization problems	§4.7 #2,3,6,7,10,16,19,22,29,32,35,51,52.
	12m submission deadline for C2 and C3.	
31-Oct	Assignment C3, practice quiz 8	C4: Optimization
1-Nov	4.9 Newton's method	§4.9 #1,4,5,6,11,27,31,34,35
	Worksheet 5 due in class.	
2-Nov	Assignment C4. worksheet 6.	C5 Newton's method
3-Nov	4.10 Anti-derivatives	§4.10 #1,3,5,7,21,23,25,31,36,37,39,40,53,55,68,7
6-Nov	5.1 Areas and distances	§5.1 #1,3,4,5,11,12,20,22
	12m submission deadline for C4 and C5.	
7-Nov	Assignment C6..	C6: Anti-derivatives
8-Nov	5.2 The definite integral	§5.2 #1,7,9,17,19,25,29,30,33-36,39,47-49,55,57
	Worksheet 6 due in class.	
9-Nov	Assignment C7, practice quiz 9	C7: Areas and distances: the definite integral
10-Nov	Review	
13-Nov	Review	
	12m submission deadline for C6 and 7.6	
14-Nov	R3 (not graded)	
	7:30pm-9:30pm, room TBA.	
	Gottfried Wilhelm Leibniz died, 1716	
15-Nov	5.3 The fundamental theorem of calculus	§5.3 #1,7-11,13,19,21,23,25,27,31,33,51,
16-Nov	Assignment D1	D1: The fundamental theorem of calculus
17-Nov	5.4 Indefinite integrals	§5.4 #1,3,17,19,21,23,25,31,33,43,46,48
20-Nov	5.5 Substitution	§5.5 #1,3,9,11,13,15,17,19,21,27,37,39,45,49,57,5
	12m submission deadline for D1	
21-Nov	Assignment D2, practice quiz 10	D2: Indefinite integrals, substitution
22-Nov	5.5 Substitution, continued	
23-Nov	Thanksgiving break, academic holiday	
24-Nov	Thanksgiving break, academic holiday	
27-Nov	6.1 Areas between curves	§6.1 #1,2,5,7,11,13,21,22,24,45
28-Nov	Assignment D3, worksheet 7	D3: Area
	12m submission deadline D2	
29-Nov	6.2 Volume	§6.2 #1,3,12,13,14,47,48,49,53
30-Nov	Assignment D4, practice quiz 11	D4: Volumes
1-Dec	6.3 Volume by cylindrical shells	§6.3 #1,9,11,13,15,17,43,45.
4-Dec	Review	
	12m submission deadline for D3	
5-Dec	Assignment D4, continued	
6-Dec	Review	
	Worksheet 7 due in class	
7-Dec	Assignment R4 (not graded)	
	12m submission deadline for D4	
8-Dec	Review	
11-Dec	Final exam, 6-8pm room TBA	