

Date	Section, topic, assignments.	Assignments (textbook problems are optional)
10-Jan	Ch. 1 Review of functions	Review, p. 56 #1,2,3,5,6,8-12,16-19 A0: Calculator syntax (optional) A1: Review
11-Jan	Pretest, Assignment A1.	
12-Jan	Mathematical induction, handout.	
15-Jan	Martlin Luther King, Jr. day, Academic holiday	
16-Jan	Written assignment 1	
17-Jan	2.1 Tangent and velocity problems	§2.1 #1,2,3,5,6,8,9
18-Jan	Assignment A2, practice quiz 1	A2: Tangents and velocity
19-Jan	2.2 Limit of a function	§2.2, #2,4,5,6,9,12,13,15,25,28
22-Jan	2.3 Calculating limits using the limit laws 12m submission deadline for A1 and A2	§2.3 #1,2,11,13,15,17,20,22,28,39,40,49
23-Jan	Assignment A3	A3: Limits
24-Jan	2.5 Continuity Written assignment 1 due in class.	§2.5, #1,3,4,5,6,7,9,11,17,21,37
25-Jan	Assignment A4, practice quiz 2	A4: Continuity
26-Jan	2.6 Tangents, velocities and rates of change	§2.6 #1,2,3,5,13,15,17,18,23
29-Jan	3.1 Derivatives 12m submission deadline for A3 and A4.	§3.1 #3,4,6,7,9,12,15,16,19,22,25,26
30-Jan	Assignment A5, Written assignment 2	A5: Tangents velocity, rates of change
31-Jan	3.2 The derivative as a function Written assignment 2 due in class Last day to drop	§3.2 #1,2,4,7,10,12,17,25,36,39,41
1-Feb	Assignment A6, practice quiz 3	A6: The derivative
2-Feb	Review	AW: warmup exercises (optional)
5-Feb	Review 12m submission deadline for A5 and A6.	
6-Feb	Assignment AR (not graded) 7:30-9:30pm, Exam 1, room TBA.	AR: Review for exam 1
7-Feb	3.3 Differentiation formula	§3.3 #5,10,16,18,21,25,28,33,40,44,53,57,58,62
8-Feb	Assignment B1	B1: Differentiation rules
9-Feb	Appendix D, review of trigonometry	
12-Feb	3.5 Derivatives of trigonometric functions 12m submission deadline for B1.	§3.5 #3,6,9,12,18,29,30,35,36,43
13-Feb	Assignment B2, practice quiz 4	B2: Review of trigonometry
14-Feb	3.6 The chain rule	§3.6 #1,5,6,7,10,15,16,19,25,28,45,46,55,56
15-Feb	Assignment B3, written assignment 3	B3: Differentiation of trigonometric functions
16-Feb	3.7 Implicit differentiation	§3.7 #3,4,7,10,14,15,26,29,35,39
19-Feb	3.8 Higher derivatives 12m submission deadline for B2 and B3.	§3.8 #1-3,11,18,25,26,39,41,44,49,50,53
20-Feb	Assignment B4, practice quiz 5	B4: The chain rule
21-Feb	3.9 Related rates Written assignment 3 due in class.	§3.9 #1,2,4,6-8,10-12,14-17,20-22
22-Feb	Assignment B5, Written assignment 4	B5: Implicit differentiation, higher order derivatives
23-Feb	Related rates, continued	
26-Feb	3.10 Linear approximation 12m submission deadline for B4 and B5.	§3.10 #1,3,7,8,13,15,27,31,32,37
27-Feb	Assignment B6.	B6: Related rates
28-Feb	4.1 Maximum and minimum values Written assignment 4 due in class.	§4.1 #1,2,3,4,5,9,11,17,18,23,47,48,52
1-Mar	Assignment B7, practice quiz 6	B7: Linear approximation, Extreme values
2-Mar	Review	BW: Warmup exercises (optional)
5-Mar	Review 12m submission deadline for B6 and B7.	
6-Mar	Assignment BR (not graded) 7:30-9:30 pm Exam 2, room TBA	BR: Review for exam 2

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7-Mar	4.2 The mean value theorem	§4.2 #1,3,5-8,15-19,22
8-Mar	Assignment C1	C1: The mean value theorem
9-Mar	4.3 Derivatives and the shape of a graph Last day to withdraw	§4.3 #1,2,5,6,7-9,11-17,22-26,29,31,33
12-16 Mar	Spring break, academic holiday	
19-Mar	4.4 Limits at infinity 12m submission deadline for C1.	§4.4 #1-4,9,11,13,15,17,19,21,23,35,37,39,43,58
20-Mar	Assignment C2, practice quiz 7	C2: Derivatives and the shape of a graph
21-Mar	4.5 Summary of curve sketching	§4.5 #3,12,13,17,23,27,31, §4.6 #20,21,26,27
22-Mar	Assignment C3, written assignment 5	C3: Summary of curve sketching
23-Mar	4.7 Optimization problems	§4.7 #2,3,6,7,10,16,19,22,29,32,35,51,52.
26-Mar	4.7 continued 12m submission deadline for C2 and C3.	
27-Mar	Assignment C4, practice quiz 8	C4: Optimization
28-Mar	4.9 Newton's method Written assignment 5 due in class.	§4.9 #1,4,5,6,11,27,31,34,35
29-Mar	Assignment C5, written assignment 6.	C5: Newton's method
30-Mar	4.10 Anti-derivatives	§4.10 #1,3,5,7,21,23,25,31,36,37,39,40,53,55,68,7
2-Apr	5.1 Areas and distances 12m submission deadline for C4 and C5	§5.1 #1,3,4,5,11,12,20,22
3-Apr	Assignment C6.	C6: Anti-derivatives
4-Apr	5.2 The definite integral Written assignment 6 due in class.	§5.2 #1,7,9,17,19,25,29,30,33-36,39,47-49,55,57
5-Apr	Assignment C7, practice quiz 9	C7: Areas and distances: the definite integral
6-Apr	Review	CW: warmup exercises (optional)
9-Apr	Review 12m submission deadline for C6 and C7	
10-Apr	Assignment CR (not graded) 7:30pm-9:30pm, Exam 3, room TBA.	CR: Review for exam 3
11-Apr	5.3 The fundamental theorem of calculus	§5.3 #1,7-11,13,19,21,23,25,27,31,33,51,
12-Apr	Assignment D1	D1: The fundamental theorem of calculus
13-Apr	5.4 Indefinite integrals	§5.4 #1,3,17,19,21,23,25,31,33,43,46,48
16-Apr	5.5 Substitution 12m submission deadline for D1	§5.5 #1,3,9,11,13,15,17,19,21,27,37,39,45,49,57,5
17-Apr	Assignment D2, written assignment 7	D2: Indefinite integrals, substitution
18-Apr	6.1 Area between curves	§6.1 #1,2,5,7,11,13,21,22,24,45
19-Apr	Assignment D3, practice quiz 10	D3: Area between curves
20-Apr	6.2 Volume	§6.2 #1,3,12,13,14,47,48,49,53
23-Apr	6.2 Volume, continued 12m submission deadline D2, D3	
24-Apr	Assignment D4, practice quiz 11	D4: Volumes
25-Apr	Review Written assignment 7 due in class	
26-Apr	Assignment DR	DR: Review for exam 4
27-Apr	Review 12m submission deadline for D4	DW: Warmup exercises (optional)
3-May	8:30-10:30pm, Final exam, room TBA	