

Date	Topic	Due dates	Additional exercises
Wed, Aug 28	§1.1-1.3: Functions		§1.1–23, 43, 45, 47, 49, 51, 53, 54, 64, 65; §1.2–9, 15, 17, 19, 22, 25, 31, 37, 39, 41, 51 §1.3–27, 28, 31, 33, 34, 35
Thu, Aug 29	Worksheet 1		
Fri, Aug 30	§1.4 Trigonometric functions		§1.4–3, 6, 7, 16, 19, 21, 25, 27, 45, 46, 47
Mon, Sep 2	Labor Day, Academic Holiday		
Tue, Sep 3	Worksheet 2	A1	
Wed, Sep 4	§1.5-1.6 Inverse functions, Exp and Log		§1.5–17, 29–34, 39, 41 §1.6–3, 4, 7, 9, 19, 21, 23, 25, 27, 29, 33, 42
	<i>Last Day to Add</i>		
Thu, Sep 5	Worksheet 3, Quiz 1	A2	
Fri, Sep 6	§2.1-2.2 Tangent and velocity	WA 1	§2.1–5, 6, 7, 13, 17, 23, 25, 27 §2.2–2, 4, 5, 6, 21, 24, 28, 34, 47, 49, 53, 62
Mon, Sep 9	§2.3 Basic Limit laws	A3	§2.3–11, 13, 15, 17, 19, 21, 26, 27, 29, 31, 33
Tue, Sep 10	Worksheet 4		
Wed, Sep 11	§2.4 Limits and continuity		§2.4–2, 3, 4, 5, 13, 17, 19, 27, 33, 47, 51, 53, 81, 84
Thu, Sep 12	Worksheet 5, Quiz 2	A4,A5	
Fri, Sep 13	§2.5 Evaluating limits	WA 2	§2.5–3, 7, 9, 11, 21, 23, 25, 29, 36, 49, 53
Mon, Sep 16	§2.6 Trigonometric limits	A6,A7	§2.6–3, 4, 5, 13, 17, 21, 23, 25, 31, 37, 45, 51, 52
Tue, Sep 17	Worksheet 6		
Wed, Sep 18	§2.8 Intermediate Value Theorem		§2.8–1, 6, 9, 11, 15, 17, 21, 22, 25
Thu, Sep 19	Worksheet 7, Quiz 3	A8,A9	
Fri, Sep 20	Review		
Sun, Sep 22		A10	
Mon, Sep 23	Review		
Tue, Sep 24	Worksheet 8		
	Exam 1 5-7pm Room TBA		

Date	Topic	Due dates	Additional exercises
Wed, Sep 25	§3.1 The Derivative		§3.1–1, 4, 7, 11, 14, 20, 35, 37, 50, 57, 67, 68
<i>Thu, Sep 26</i>	Worksheet 9		
Fri, Sep 27	§3.2 The derivative as a function		§3.2–7, 9, 16, 19, 29, 33, 35, 37, 43, 47, 51, 53, 66, 68, 73, 75, 84
Mon, Sep 30	§3.3 Product and quotient rules	B1	§3.3–1, 3, 7, 9, 11, 15, 16, 19, 20, 23, 25, 29, 31, 38, 39, 41, 49, 50, 59
<i>Tue, Oct 1</i>	Worksheet 10		
Wed, Oct 2	§3.4 Rates of change	WA3	§3.4–5, 7, 11, 21, 25, 26, 27, 28, 32, 34, 38, 43, 45
<i>Thu, Oct 3</i>	Worksheet 11, Quiz 4	B2,B3	
Fri, Oct 4	§3.5 Higher derivatives		§3.5–1, 6, 11, 14, 19, 27, 31, 35, 39, 40, 41, 45
Sun, Oct 6			
Mon, Oct 7	§3.6 Derivatives of trig functions	B4	§3.6–1, 5, 7, 15, 19, 21, 25, 27, 31, 51
<i>Tue, Oct 8</i>	Worksheet 12		
Wed, Oct 9	§3.7 Chain rule	WA4	§3.7–3, 5, 7, 23, 25, 27, 29, 31, 47, 49, 77, 79, 80
<i>Thu, Oct 10</i>	Worksheet 13, Quiz 5	B5,B6	
Fri, Oct 11	§3.8 Derivatives of inverse functions §3.9 Exponential and logarithms		§3.8–3, 11, 15, 19, 21, 23, 25, 37 §3.9–1, 3, 21, 23, 25, 31, 35, 80
Mon, Oct 14	§3.10 Implicit differentiation	B7	§3.10–1, 9, 15, 19, 23, 29, 31, 39, 41, 54
<i>Tue, Oct 15</i>	Worksheet 14		
Wed, Oct 16	§3.11 Related rates		§3.11–1, 5, 6, 7, 8, 9, 11, 13, 17, 19, 25
<i>Thu, Oct 17</i>	Worksheet 15, Quiz 6	B8,B9	
Fri, Oct 18	Review		
Sun, Oct 20		B10	
Mon, Oct 21	Review		
<i>Tue, Oct 22</i>	Worksheet 16		
	Exam 2 5-7pm Room TBA		

Date	Topic	Due dates	Additional exercises
Wed, Oct 23	§4.1 Linear approximation		§4.1–1, 3, 9, 11, 17, 19, 23, 27, 28, 38, 49, 55
<i>Thu, Oct 24</i>	Worksheet 17		
Fri, Oct 25	§4.2 Extreme values		§4.2–1, 3, 5, 7, 9, 11, 17, 21, 23, 41, 46, 54, 63, 64
Mon, Oct 28	§4.3 Mean value theorem and monotonicity	C4.1	§4.3–1, 11, 13, 15, 17, 19, 21, 23, 25, 35, 37, 55, 58
<i>Tue, Oct 29</i>	Worksheet 18		
Wed, Oct 30	§4.4 The shape of a graph	WA 5	§4.4–1, 2, 3, 5, 13, 15, 17, 20, 21, 22, 41, 45, 58, 59
<i>Thu, Oct 31</i>	Worksheet 19, Quiz 7	C4.2, C4.3	
Fri, Nov 1	§2.7 Limits at infinity		§2.7–1, 3, 6, 7, 11, 13, 21, 37, 38, 43
Sun, Nov 3			
Mon, Nov 4	§4.5 Lhopital rule	C4.4	
<i>Tue, Nov 5</i>	Worksheet 20		
Wed, Nov 6	§4.7 Optimization	WA 6	4.7–1, 3, 5, 7, 9, 15, 16, 42, 43
<i>Thu, Nov 7</i>	Worksheet 21, Quiz 8	C2.7, C4.5	
Fri, Nov 8	§4.8 Newton's method		§4.8–1, 3, 7, 9, 17, 20, 23
	<i>Last day to withdraw</i>		
Mon, Nov 11	§4.9 Anti-derivatives	C4.7	§4.9–2, 5, 8, 20, 23, 25, 33, 39, 40, 65, 70
<i>Tue, Nov 12</i>	Worksheet 22		
Wed, Nov 13	§5.1 Approximating and Computing Area		§5.1–1, 5, 6, 7, 11, 13, 16, 18, 21, 23, 25, 27, 29, 45, 47
<i>Thu, Nov 14</i>	Worksheet 23, Quiz 9	C4.8, C4.9	
Fri, Nov 15	Review		
Sun, Nov 17		C5.1	
Mon, Nov 18	Review		
<i>Tue, Nov 19</i>	Worksheet 24		
	Exam 3 5-7pm Room TBA		

Date	Topic	Due dates	Additional exercises
Wed, Nov 20	§5.2 The definite integral		§5.2–1, 5, 7, 9, 13, 15, 16, 33, 37, 63, 65
<i>Thu, Nov 21</i>	Worksheet 25		
Fri, Nov 22	§5.3 The fundamental theorem of calculus, part I		§5.3–1, 11, 13, 19, 21, 35, 37, 43, 59, 61
Mon, Nov 25	§5.4 The fundamental theorem of calculus part II §5.5 The net change theorem	D5.2	§5.4–1, 3, 7, 21, 29, 39, 45 §5.5–1, 3, 5, 7, 10, 16, 19, 21
<i>Tue, Nov 26</i>	Worksheet 26		
Nov 27-29	Thanksgiving Holiday		
Mon, Dec 2	§5.6 Substitution method	D5.3-5.4	§5.6–7, 9, 11, 27, 31, 39, 59, 65, 74
<i>Tue, Dec 3</i>	Worksheet 27, §5.7 Further transcendental functions		§5.7–5, 9, 13, 15, 37, 41, 43, 47, 53
Wed, Dec 4	§5.8 Exponential growth and decay		§5.8–1, 2, 5, 10, 11, 12, 15, 23, 24
<i>Thu, Dec 5</i>	Worksheet 28, Quiz 10	D5.5,D5.6	
Fri, Dec 6	§6.1 Area of regions in the plane		§6.1–1, 3, 4, 13, 15, 19, 21, 27, 32, 35, 55
Mon, Dec 9	Review	D5.7,D5.8	
<i>Tue, Dec 10</i>	Worksheet 29		
Wed, Dec 11	Review		
<i>Thu, Dec 12</i>	Worksheet 30	D6.1	
Fri, Dec 13	Review		
Wed, Dec 18	Final Exam, 8:30-10:30 pm, Room TBA		