

MAC 2311 Fall 2018 - Tentative schedule (MW)

	Mon 8/20	Tue 8/21	Wed 8/22	Thu 8/23	Fri 8/24	Sat 8/25
Week 1	1.1 Functions and their representations (review) 1.2 A catalog of essential functions (review)		1.3 The limit of a function		Peer Leading Activity L1 (Limits) HW 1 (1.1, 1.2) due Drop/Add Ends	
	Mon 8/27	Tue 8/28	Wed 8/29	Thu 8/30	Fri 8/31	Sat 9/1
Week 2	1.4 Calculating limits	HW 2 (1.3) due	1.5 Continuity QUIZ 1		Peer leading Activity L4 (Continuity)	
	Mon 9/3	Tue 9/4	Wed 9/5	Thu 9/6	Fri 9/7	Sat 9/8
Week 3	Labor Day	HW 3 (1.4, 1.5) due	1.6 Limits involving infinity QUIZ 2		Peer Leading Activity D1 (Velocity)	
	Mon 9/10	Tue 9/11	Wed 9/12	Thu 9/13	Fri 9/14	Sat 9/15
Week 4	2.1 Derivatives and rates of change	HW 4 (1.6) due	2.2 The derivative as a function QUIZ 3	HW 5 (2.1, 2.2) due Review session 2-6 pm	Peer Leading Review Test 1	TEST 1 (on sections 1.3, 1.4, 1.5, 1.6, 2.1, 2.2)

	Mon 9/17	Tue 9/18	Wed 9/19	Thu 9/20	Fri 9/21	Sat 9/22
Week 5	2.3 Basic differentiation formulas 2.4 The product and quotient rules	HW 6 (2.3) due	2.5 The chain rule		Peer Leading Activity DT7 (Implicit differentiation)	
	Mon 9/24	Tue 9/25	Wed 9/26	Thu 9/27	Fri 9/28	Sat 9/29
Week 6	2.6 Implicit differentiation	HW 7 (2.4, 2.5) due	2.7 Related rates QUIZ 4		Peer Leading Activity DA1 (Related Rates)	
	Mon 10/1	Tue 10/2	Wed 10/3	Thu 10/4	Fri 10/5	Sat 10/6
Week 7	2.8 Linear approximations	HW 8 (2.6, 2.7, 2.8) due	3.1 Exponential functions (review) 3.2 Inverse functions and logarithms (review) QUIZ 5		Peer Leading Activity DT3 (Derivatives of exponential functions)	
	Mon 10/8	Tue 10/9	Wed 10/10	Thu 10/11	Fri 10/12	Sat 10/13
Week 8	3.3 Derivatives of logarithmic and exponential functions	HW 9 (3.1, 3.2) due	Review for Test 2 QUIZ 6	HW 10 (3.3) due Review session 2-6 pm	Peer Leading Review Test 2	TEST 2 (on sections 2.3, 2.4, 2.5, 2.6, 2.7, 2.8, 3.3)

	Mon 10/15	Tue 10/16	Wed 10/17	Thu 10/18	Fri 10/19	Sat 10/20
Week 9	4.1 Maximum and minimum values		4.2 The mean value theorem		Peer Leading Activity D3 (Derivative as a function)	
	Mon 10/22	Tue 10/23	Wed 10/24	Thu 10/25	Fri 10/26	Sat 10/27
Week 10	4.3 Derivatives and shapes of graphs	HW 11 (4.1, 4.2) due	4.5 Optimization problems QUIZ 7		Peer leading Activity DA6 (Optimization)	Last Day to drop with "W"
	Mon 10/29	Tue 10/30	Wed 10/31	Thu 11/1	Fri 11/2	Sat 11/3
Week 11	4.5 Optimization problems	HW 12 (4.3, 4.5) due	Review for Test 3 QUIZ 8	Review session 2-6 pm	Peer Leading Review Test 3	TEST 3 (on sections 4.1, 4.2, 4.3, 4.5)
	Mon 11/5	Tue 11/6	Wed 11/7	Thu 11/8	Fri 11/9	Sat 11/10
Week 12	3.5 Inverse trigonometric functions		3.7 Indeterminate forms and l'Hospital's rule		Peer Leading (l'Hospital's rule)	

	Mon 11/12	Tue 11/13	Wed 11/14	Thu 11/15	Fri 11/16	Sat 11/17
Week 13	Veteran's Day	HW 13 (3.5, 3.7) due	4.7 Antiderivatives QUIZ 9		Peer Leading Activity II (Area and Distance)	
	Mon 11/19	Tue 11/20	Wed 11/21	Thu 11/22	Fri 11/23	Sat 11/24
Week 14	5.1 Areas and distances	HW 14 (4.7, 5.1) due	5.2 The definite integral 5.3 Evaluating definite integrals QUIZ 10		Thanksgiving Break	
	Mon 11/26	Tue 11/27	Wed 11/28	Thu 11/29	Fri 11/30	Sat 12/1
Week 15	5.4 The Fundamental Theorem of Calculus	HW 15 (5.2, 5.3, 5.4) due	Review for Final Exam QUIZ 11	Review session 2-6 pm	Reading Days	Final Exam