

APPM 2350 Fall 2024 Schedule

WebAssign and written HW become available on the date they are listed

Week	Day	Date	Lecture Topic - Hardcopy Stewart Textbook Section (pages)	Assessment	WebAssign	Due Date	Written Homework	Due Date
1	Mon	8/26	3D space coordinates - 10.1 (pp 543-547)		10.1	1-Sep	HW01	29-Aug
	Tue	8/27						
	Wed	8/28	Vectors - 10.2 (pp 548-555)		10.2	1-Sep		
	Thu	8/29	Recitation	None			HW02	5-Sep
	Fri	8/30	Dot Product - 10.3 (pp 557-561) / Cross Product - 10.4(1) (pp 564-570)		10.3	3-Sep		
2	Mon	9/2	NO LECTURES / NO OFFICE HOURS					
	Tue	9/3						
	Wed	9/4	Cross Product - 10.4(2) / Lines and Planes - 10.5(1) (pp 572-578)		10.4	8-Sep		
	Thu	9/5	Recitation	Quiz 1			HW03	12-Sep
	Fri	9/6	Lines and Planes - 10.5(2) / Quadric Surfaces - 10.6(1) (pp 580-585)		10.5	10-Sep		
3	Mon	9/9	Quadric Surfaces - 10.6(2) / Vector Functions - 10.7(1) (pp 586-594)		10.6	15-Sep		
	Tue	9/10						
	Wed	9/11	Vector Functions - 10.7(2)		10.7	17-Sep		
	Thu	9/12	Recitation	Quiz 2			HW04	19-Sep
	Fri	9/13	Arc Length and TNB -10.8(1) (pp 597-603)		10.8/10.9	22-Sep		
4	Mon	9/16	Arc Length and TNB -10.8(2) / Motion in Space - 10.9(1) (pp 606-611)					
	Tue	9/17						
	Wed	9/18	Motion in Space - 10.9(2) / Multivariable Functions - 11.1(1) (pp 621-628)		11.1	24-Sep		
	Thu	9/19	Recitation	Quiz 3			HW05	3-Oct
	Fri	9/20	Multivariable Functions - 11.1(2) / Limits and Continuity - 11.2(1) (pp 632-637)		11.2	29-Sep		
5	Mon	9/23	Limits and Continuity - 11.2(2) / Partial Derivatives - 11.3(1) (pp 639-644)		11.3	1-Oct		
	Tue	9/24						
	Wed	9/25	Exam 1 Review	EXAM 1				
	Thu	9/26	NO RECITATIONS / NO OFFICE HOURS					
	Fri	9/27	Partial Derivatives - 11.3(2)					
6	Mon	9/30	Tangent Plane and Differentials - 11.4 (pp 647-653)		11.4	6-Oct		
	Tue	10/1						
	Wed	10/2	Taylor Series(1) (supplemental reading)					
	Thu	10/3	Recitation	Quiz 4			HW06	10-Oct
	Fri	10/4	Taylor Series(2) / Chain Rule - 11.5(1) (pp 655-661)		11.5	8-Oct		
7	Mon	10/7	Chain Rule - 11.5(2) / Directional Derivative and Gradient - 11.6(1) (pp 664-672)		11.6	13-Oct		
	Tue	10/8						
	Wed	10/9	Directional Derivative and Gradient - 11.6(2) / Extrema - 11.7(1) (pp 675-681)		11.7	15-Oct		
	Thu	10/10	Recitation	Quiz 5			HW07	17-Oct
	Fri	10/11	Extrema - 11.7(2) / Lagrange Multipliers - 11.8(1) (pp 683-687)		11.8	20-Oct		
8	Mon	10/14	Lagrange Multipliers - 11.8(2)					
	Tue	10/15						
	Wed	10/16	Double Integrals over Rectangles - 12.1 (pp 695-704)		12.1/12.2	22-Oct		
	Thu	10/17	Recitation	Quiz 6			HW08	31-Oct
	Fri	10/18	Double Integrals over General Regions - 12.2 (pp 706-713)					
9	Mon	10/21	Double Integrals in Polar Coordinates - 12.3 (pp 715-719)		12.3	27-Oct		
	Tue	10/22						
	Wed	10/23	Exam 2 Review	EXAM 2				
	Thu	10/24	NO RECITATIONS / NO OFFICE HOURS					
	Fri	10/25	Mass and Moments - 12.4 (pp 721-725)		12.4	29-Oct		
10	Mon	10/28	Triple Integrals - 12.5(1) (pp 726-734)		12.5	3-Nov		
	Tue	10/29						
	Wed	10/30	Triple Integrals - 12.5(2) / Triple Integrals in Cylindrical Coordinates - 12.6(1) (pp 737-740)		12.6/12.7	10-Nov		
	Thu	10/31	Recitation	Quiz 7			HW09	7-Nov
	Fri	11/1	Triple Integrals in Cylindrical Coordinates - 12.6(2) / Triple Integrals in Spherical Coordinates - 12.7(1) (pp 741-745)					
11	Mon	11/4	Triple Integrals in Spherical Coordinates - 12.7(2) / Change of Variables in Multiple Integrals - 12.8(1) (pp 748-755)		12.8	12-Nov		
	Tue	11/5						
	Wed	11/6	Change of Variables in Multiple Integrals - 12.8(2) / Scalar Surface and Line Integrals - 13.A(1) (supplemental reading, pp 767-774)		13.A	17-Nov		
	Thu	11/7	Recitation	Quiz 8			HW10	14-Nov
	Fri	11/8	Scalar Surface and Line Integrals - 13.A(2) / Vector Fields, Divergence and Curl - 13.B(1) (pp 761-765, 795-799)		13.B	26-Nov		
12	Mon	11/11	Vector Fields, Divergence and Curl - 13.B(2) / Vector Line and Surface Integrals - 13.C(1) (pp 774-776, supplemental reading)		13.C	1-Dec		
	Tue	11/12						
	Wed	11/13	Vector Line and Surface Integrals - 13.C(2) / Fundamental Theorem of Line Integrals - 13.D(1) (pp 779-786)		13.D	3-Dec		
	Thu	11/14	Recitation	Quiz 9			HW11	5-Dec
	Fri	11/15	Fundamental Theorem of Line Integrals - 13.D(2)					
13	Mon	11/18	Green's Theorem - 13.E(1) (pp 788-793, 799-801)		13.E	8-Dec		
	Tue	11/19						
	Wed	11/20	Exam 3 Review	EXAM 3				
	Thu	11/21	NO RECITATIONS / NO OFFICE HOURS					
	Fri	11/22	Green's Theorem - 13.E(2)					
14	Mon	11/25	NO LECTURES / NO OFFICE HOURS					
	Tue	11/26	NO OFFICE HOURS					
	Wed	11/27	NO LECTURES / NO OFFICE HOURS					
	Thu	11/28	NO RECITATIONS / NO OFFICE HOURS					
	Fri	11/29	NO LECTURES / NO OFFICE HOURS					
14	Mon	12/2	Stokes' Theorem - 13.F(1) (pp 824-828)		13.F	10-Dec		
	Tue	12/3						
	Wed	12/4	Stokes' Theorem - 13.F(2)					
	Thu	12/5	Recitation	Quiz 10			HW12 (no late submissions)	12-Dec
	Fri	12/6	Divergence Theorem - 13.G(1) (pp 829-834)		13.G	12-Dec		
15	Mon	12/9	Divergence Theorem - 13.G(2)					
	Tue	12/10						
	Wed	12/11	Final Exam Review					
	Thu	12/12	Recitation	None				
	Fri	12/13	NO LECTURES					
	Wed	12/18	FINAL EXAM 7:30 AM - 10:00 AM MOUNTAIN TIME					