

Math 213 Calendar, Sections 9, 10, 11, 12
Fall 2014

Important Dates

September 3, 2014 *Last day to add a course*
 September 17, 2014 *Last day to drop a course*
 September 24, 2014 *Last day to withdraw or reduce course load with 50% refund*
 November 7, 2014 *Last day to withdraw or reduce course load*

Week	Date	Lecture	Recitation	Homework	Webwork	Reading
Week 1	8/27/14	Vectors in the plane and in space				12.1-12.2
	8/28/14					
	8/29/14	The dot product, angle between two vectors		HW #1		12.3
Week 2	9/1/14	Labor Day - Academic Holiday				
	9/2/14					
	9/3/14	The cross product			HW 01 (12.1-12.2) Due	12.4
	9/4/14					
	9/5/14	Equations of lines and planes		HW #2	HW 02 (12.3-12.4) Due	12.5
Week 3	9/8/14	Quadric surfaces				12.6
	9/9/14					
	9/10/14	Cylindrical and spherical coordinates			HW 03 (12.5) Due	12.7
	9/11/14					
Week 4	9/12/14	Vector-Valued Functions		HW #3		13.1
	9/15/14	Calculus of Vector-Valued Functions			HW 04 (12.6-12.7) Due	13.2
	9/16/14					
	9/17/14	Arc length and speed				13.3
	9/18/14					
Week 5	9/19/14	Curvature		HW #4	HW 05 (13.1-13.3) Due	13.4
	9/22/14	Curvature				13.4
	9/23/14		Review			
	9/24/14	Motion in Space				13.5
	9/25/14					
Week 6	9/26/14	Review		HW #5	HW 06 (13.4-13.5) Due	
	9/29/14	In-Class Exam I				
	9/30/14		Return Exam I			
	10/1/14	Functions of several variables				14.1
	10/2/14					

	10/3/14	Limits and continuity in several variables				14.2
Week 7	10/6/14	Partial derivatives				14.3
	10/7/14					
	10/8/14	Differentiability and tangent planes			HW 07 (14.1-14.2) Due	14.4
	10/9/14					
	10/10/14	The gradient and directional derivatives		HW #6	HW 08 (14.3-14.4) Due	14.5
Week 8	10/13/14	The chain rule				14.6
	10/14/14					
	10/15/14	Optimization in several variables, I			HW 09 (14.5-14.6) Due	14.7
	10/16/14					
Week 9	10/17/14	Optimization in several variables, II		HW #7		14.8
	10/20/14	Review			HW 10 (14.7-14.8) Due	
	10/21/14		Review			
	10/22/14	In-Class Exam II				
	10/23/14		Return Exam II			
Week 10	10/24/14	Integration in two variables, part I				15.1
	10/27/14	Integration in two variables, part II				15.1
	10/28/14					
	10/29/14	Double integrals over general regions				15.2
	10/30/14					
	10/31/14	Triple Integrals, Part I		HW #8	HW 11 (15.1-15.2) Due	15.3
Week 11	11/3/14	Triple Integrals, Part II				15.3
	11/4/14					
	11/5/14	Integration in polar, cylindrical, spherical coordinates			HW 12 (15.3) Due	15.4
	11/6/14					
Week 12	11/7/14	Integration in polar, cylindrical, spherical coordinates		HW #9		15.4
	11/10/14	Applications of multiple integrals			HW 13 (15.4) Due	15.5
	11/11/14					
	11/12/14	Change of variables theorem				15.6
	11/13/14					
Week 13	11/14/14	Review		HW #10	Hw 14 (15.1-15.4 review, 15.5-15.6) Due	
	11/17/14	In-Class Exam III				
	11/18/14		Return Exam III			
	11/19/14	Vector fields				16.1
	11/20/14					
Week 14	11/21/14	Line integrals, part I		HW #11		16.2
	11/24/14	Line integrals, part II				16.2
	11/25/14					
	11/26/14	Thanksgiving - Academic Holiday				
	11/27/14					
	11/28/14					

Week 15	12/1/14	Conservative vector fields, part I			HW 15 (16.1-16.2) Due	16.3
	12/2/14					
	12/3/14	Conservative vector fields, part II				16.3
	12/4/14					
	12/5/14	Green's theorem		<i>HW #12</i>	HW 16 (16.3) Due	17.1
Week 16	12/8/14	Curl and divergence, part I				17.2
	12/9/14					
	12/10/14	Curl and divergence, part II				17.3
	12/11/14					
	12/12/14	Review		<i>HW #13</i>	HW 17 (17.1-17.3) Due	
	12/16/14	Final Exam, 8:00 AM, FB 320				