

Pries: M261, Fall 08, Syllabus Text: Thomas' Calculus. Eleventh Edition

Date	Day	Section/Topic	Assignments
25 Aug	Mon	12.1 3-D Coordinate Systems	
26 Aug	Tue	12.2 Vectors	
27 Aug	Wed	12.3 Dot Product	Quiz 1
29 Aug	Fri	12.4 Cross Product	Last day to drop
1 Sept	Mon	Labor Day, no class	
2 Sept	Tue	12.5 Lines and Planes in Space	
3 Sept	Wed	10.1 Conic Sections	Quiz 2
5 Sept	Fri	12.6 Cylinders and Quadric Surfaces	
8 Sept	Mon	13.1 Vector Functions	
9 Sept	Tue	13.3 Arc Length, Unit Tangent Vector	
10 Sept	Wed	13.4 Curvature, Unit Normal Vector	Quiz 3
12 Sept	Fri	13.5 Unit Binormal Vector	
15 Sept	Mon	14.1 Functions of Several Variables	
16 Sept	Tue	14.2 Limits and Continuity	Homework notebook 1 due
17 Sept	Wed	Review 12-13	Practice midterm 1 due
18 Sept	Thur	Midterm 1, 5:15-7:00 pm	
19 Sept	Fri	no class	

22 Sept	Mon	14.3 Partial Derivatives	
23 Sept	Tue	14.3 Partial Derivatives	
24 Sept	Wed	14.4 Chain Rule	Quiz 4
26 Sept	Fri	14.5 Directional Derivatives	
29 Sept	Mon	14.6 Tangent Planes and Differentials	
30 Sept	Tue	14.7 Extreme Values and Saddle Points	
1 Oct	Wed	14.7 Extreme Values and Saddle Points	Quiz 5
3 Oct	Fri	14.8 Lagrange Multipliers	
6 Oct	Mon	14.8 Lagrange Multipliers	
7 Oct	Tue	14.10 Taylor's Formula (quadratic)	
8 Oct	Wed	15.1 Double Integrals	Quiz 6
10 Oct	Fri	15.1 Double Integrals	
13 Oct	Mon	15.2 Areas, Moments and Center of Mass	
14 Oct	Tue	15.3 Double Integrals in Polar Form	Homework notebook 2 due
15 Oct	Wed	Review 14	Practice midterm 2 due
16 Oct	Thur	Midterm 2, 5:15-7:00 pm	
17 Oct	Fri		

20 Oct	Mon	15.4 Triple Integrals, Rectangular Coord.	Last day to W-drop
21 Oct	Tue	15.4 Triple Integrals, Rectangular Coord.	
22 Oct	Wed	15.5 Masses and Moments in 3-D	Quiz 7
24 Oct	Fri	15.6 Triple Integrals in Spherical Coord.	
27 Oct	Mon	15.6 Triple Integrals in Spherical Coord.	
28 Oct	Tue	15.7 Substitutions in Multiple Integrals	
29 Oct	Wed	15.7 Substitutions in Multiple Integrals	Quiz 8
31 Oct	Fri	Review 15	
3 Nov	Mon	16.1 Line Integrals	
4 Nov	Tue	16.1 Line Integrals	
5 Nov	Wed	16.2 Vector Fields, Work, etc	Quiz 9
7 Nov	Fri	16.2 Vector Fields, Work, etc	
10 Nov	Mon	16.3 Path Independence, etc	
11 Nov	Tue	16.3 Path Independence, etc	Homework notebook 3 due
12 Nov	Wed	Review	Practice midterm 3 due
13 Nov	Thurs	Midterm 3	
14 Nov	Fri		
17 Nov	Mon	16.4 Green's Theorem in the Plane	
18 Nov	Tue	16.4 Green's Theorem in the Plane	
19 Nov	Wed	16.5 Surface Areas and Surface Integrals	Quiz 10
21 Nov	Fri	16.6 Parametrized Surfaces	

Nov 24-28 Fall Break

1 Dec	Mon	16.6 Parametrized Surfaces	
2 Dec	Tues	16.7 Stokes' Theorem	
3 Dec	Wed	16.7 Stokes' Theorem	Quiz 11
5 Dec	Fri	16.8 Divergence Theorem	Homework notebook 4 due
8 Dec	Mon	Review chapter 12-13	Practice final A due
9 Dec	Tue	Review chapter 14	Practice final B due
10 Dec	Wed	Review chapter 15	Practice final C due
12 Dec	Fri	Review chapter 16	Practice final D due
17 Dec	Wed	Final Exam 1:30-3:30 pm	