Recommended Practice Problems:
We will discuss in Studio…

Tentative Course Schedule and Important Dates:

Week of	Important Dates	Topics
Aug. 22nd	Classes Begin (Aug. 22)	Introduction and Review of Prior Calculus Topics
		Quadric Surfaces (12.6)
Aug. 29th		Functions of Two or More Variable (14.1)
		Limits and Continuity (14.2)
Sept. 5th	Labor Day (No Class Monday, Sept. 5)	
	Last Day to Add/Drop without W (Sept. 6)	Partial Differentiation (14.3)
Sept. 12th		Linear Approximation (14.4)
		Multivariate Chain Rule (14.5)
Sept. 19th		Gradients and Directional Derivatives (14.6)
		Critical Values (14.7)
Sept. 26th		Lagrange Multipliers (14.8)
		Double Integrals over Rectangles (15.1)
Oct. 3rd		Iterated Integrals (15.2)
		Double Integrals over General Regions (15.3)
		Double Integrals in Polar Coordinates (15.4)
Oct. 10th		Applications of Double Integrals (15.5)
		Triple Integrals (15.6)
Oct. 17th	Fall Break-No Class Oct.17th-18th	Triple Integrals in Cylindrical Coordinates (15.7)
		Triple Integrals in Spherical Coordinates (15.8)
Oct. 24th		Change of Variables (15.9)
		Vector Fields (16.1)
Oct. 31st		Line Integrals of Scalar & Vector Fields/Work (16.2)
Nov. 7th	Last day to W-Cont. Students (Nov.13)	Fundamental Theorem for Line Integrals (16.3)
		Green's Theorem (16.4)
Nov. 14th		Divergence and Curl (16.5)
		Parametric Surfaces and Surface Area (16.6)
Nov. 21st	Thanksgiving Break-No Class (Nov. 25-27)	Surface Integrals of Scalar Functions (16.7)
Nov. 28th	Last day to W-New Students (Dec. 2)	Surface Integrals of Vector Fields/Flux (16.7)
		Stokes' Theorem (16.8)
Dec. 5th	Dead Day-No Class (Dec. 9)	Divergence Theorem (16.9)
		Review

List of Topics Covered:

Quadric Surfaces (12.6)
Functions of Two or More Variable (14.1)
Limits and Continuity (14.2)
Partial Differentiation (14.3)
Linear Approximation (14.4)
Multivariate Chain Rule (14.5)
Gradients and Directional Derivatives (14.6)
Critical Values (14.7)
Lagrange Multipliers (14.8)
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Double Integrals in Polar Coordinates (15.4)
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Triple Integrals (15.6)
Triple Integrals in Cylindrical Coordinates (15.7)
Triple Integrals in Spherical Coordinates (15.8)
Change of Variables (15.9)
Vector Fields (16.1)
Line Integrals (16.2)
Fundamental Theorem for Line Integrals (16.3)
Green's Theorem (16.4)
Divergence and Curl (16.5)
Parametric Surfaces and Surface Area (16.6)
Surface Integrals of Scalar Functions (16.7)
Surface Integrals of Vector Fields/Flux (16.7)
Stokes' Theorem (16.8)
Divergence Theorem (16.9)