

Section	Topic	Section (Larson & Edwards)
Our course numbering, including lecture videos/notes and coursepack		
11.7	Surfaces	11.6
12.1 and 12.2	Functions of Several Variables	13.1
12.3	Continuity	13.2
12.4	Partial Derivatives	13.3 and 13.7
12.5	Multivariable Optimization	13.9 (pages 948-949)
12.6	Increments and Linear Approximation	13.4
12.7	Multivariable Chain Rule	13.5
12.8	Directional Derivatives and the Gradient	13.6
12.9	Lagrange Multipliers	13.10
12.10	Classifying Critical Points	13.8
13.1 and 13.2	Double Integrals	14.1
13.3	Area and Volume	14.2
13.4	Double Integrals in Polar Coordinates	14.3
13.5	Applications of Double Integrals	14.4
13.6	Triple Integrals	14.6
11.8	Cylindrical and Spherical Coordinates	11.7
13.7	Integration in Cylindrical and Spherical	14.7
13.8	Surface Area	14.5 and 15.5 (pages 1092-1094)
13.9	Change of Variables (The Jacobian)	14.8
14.1	Vector Fields	15.1
14.2	Line Integrals	15.2
14.3	Fundamental Theorem and Path Independence	15.3
14.4	Green's Theorem	15.4
14.5	Surface Integrals	15.6
14.6	Divergence Theorem	15.7
14.7	Stokes' Theorem	15.8