

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
1/13 12.1 - 3D Coordinate Systems	1/14 12.2 - Vectors EWA 12.1 due tonight	1/15 12.2 - Vectors (continued)	1/16 P: 3D Graphing HW 1 due	1/17 12.3 - Dot Product EWA 12.2 due tonight
1/20 Martin Luther King, Jr. Day No Class	1/21 12.4 - Cross Product EWA 12.3 due tonight	1/22 12.5 - Equations of Lines and Planes	1/23 P: A Review of Vectors HW 2 due EWA 12.4 due tonight	1/24 12.6 - Cylinders and Quadric Surfaces Optional Activity: What is This Thing? (#1) EWA 12.5 due tonight
1/27 A: Quadric Surfaces	1/28 15.7 & 15.8 - Cylindrical and Spherical Coordinates A: Parametric matching EWA 12.6 due tonight	1/29 13.1 - Vector Functions and Space Curves	1/30 P: Parameterized Curves and Surfaces HW 3 due EWA 15.7a & 15.8a due tonight	1/31 13.2 - Derivatives and Integrals of Vector Functions EWA 13.1 due tonight
2/3 13.3 - Arc Length EWA 13.2 due tonight	2/4 16.6 - Parametric Surfaces EWA 13.3 due tonight	2/5 16.6 - Parametric Surfaces (continued)	2/6 P: Introduction to Line Integrals HW 4 due	2/7 14.1 - Functions of Several Variables EWA 16.6 due tonight

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2/10 Review EXAM 1 5:45pm-7:15pm	2/11 14.2 - Limits and Continuity	2/12 14.2 - Limits and Continuity (continued)	2/13 P: Limits and Polar Coordinates HW 5 due EWA 14.1 due tonight	2/14 14.3 - Partial Derivatives A: What is the Derivative of This Thing? EWA 14.2 due tonight
2/17 14.4 & 16.6 - Tangent Planes and Linear Approximation to Function and Parameterized Surfaces A: Composition of Functions EWA 14.3 due tonight	2/18 14.5 - The Chain Rule EWA 14.4 due tonight	2/19 14.6 - Directional Derivatives and the Gradient Vector	2/20 P: Gradient Graphically HW 6 due	2/21 14.6 - Directional Derivatives and the Gradient Vector (continued) EWA 14.5 due tonight
2/24 14.7 - Maximum and Minimum Values EWA 14.6 due tonight Optional Activity: Maxes and Mins of Quadratic Functions	2/25 14.7 - Maximum and Minimum Values (continued)	2/26 14.8 - Lagrange Multipliers	2/27 P: Optimization HW 7 due EWA 14.7 due tonight	2/28 15.1 - Double integrals over rectangles EWA 14.8 due tonight

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3/3 15.1 - Double Integrals over Rectangles (continued)	3/4 15.1 - Iterated Integrals EWA 15.1a due tonight	3/5 15.2 - Double Integrals over General Regions Optional Activity: Double Integrals Discovery	3/6 P: Slices vs. Skyscrapers and Order of Integration HW 8 due EWA 15.1b due tonight	3/7 15.3 - Double Integrals in Polar Coordinates EWA 15.2 due tonight
3/10 Review EXAM 2 5:45pm-7:15pm	3/11 15.3 - Double Integrals in Polar Coordinates (continued)	3/12 15.4 - Applications of Double Integrals	3/13 P: Applications of Multiple Integrals HW 9 due EWA 15.3 due tonight	3/14 15.5 & 16.6 - Surface Area for Functions and Parameterized Surfaces EWA 15.4 due tonight
3/17 15.6 - Triple Integrals EWA 15.5 due tonight	3/18 15.6 - Triple Integrals (continued)	3/19 15.7 - Triple Integrals in Cylindrical Coordinates	3/20 P: Introduction to Surface Integrals HW 10 due EWA 15.6 due tonight	3/21 15.8 - Triple Integrals in Spherical Coordinates (continued) EWA 15.7 due tonight
3/24 Spring Break	3/25 Spring Break	3/26 Spring Break	3/27 Spring Break	3/28 Spring Break

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3/31 15.9 - Change of Variables in Multiple Integrals EWA 15.8 due tonight	4/1 15.9 - Change of Variables in Multiple Integrals (continued)	4/2 16.1 - Vector Fields Vector Field Matching	4/3 P: Line Integrals over Vector Fields HW 11 due EWA 15.9 due tonight	4/4 16.2 - Line Integrals over <i>Scalar Fields</i> EWA 16.1 due tonight
4/7 16.2 - Line Integrals over <i>Vector Fields</i> EWA 16.2a due tonight	4/8 16.3 - Fundamental Theorem of Calculus for Line Integrals EWA 16.2b due tonight	4/9 16.3 Fundamental Theorem of Calculus for Line Integrals (continued)	4/10 P: What is This Thing? (#2, line integrals) HW 12 due	4/11 16.4 - Green's Theorem EWA 16.3 due tonight
4/14 Review EXAM 3 5:45pm-7:15pm	4/15 16.5 - Curl and Divergence Conservative or not?	4/16 16.5 - Curl and Divergence (continued) EWA 16.4 due tonight	4/17 P: Introduction to Flux HW 13 due EWA 16.5a due tonight	4/18 16.7 - Surface Integrals EWA 16.5b due tonight
4/21 16.7 - Surface Integrals (continued) EWA 16.7a due tonight	4/22 16.7 - Surface Integrals (continued)	4/23 16.8 - Stokes' Theorem	4/24 P: What is This Thing? (#3, types of integrals) HW 14 due EWA 16.7b due tonight	4/25 16.8 - Stokes' Theorem (continued)

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4/28 16.9 - Divergence Theorem EWA 16.8 due tonight	4/29 16.9 - Divergence Theorem (Continued) Optional Activity: Fundamental Theorems Practice Optional Activity: FTC Matching	4/30 A: Fundamental Theorems Chart EWA 16.9a due tonight	5/1 P: Fundamental Theorem Flow Chart HW 15 due EWA 16.9b due tonight	5/2 Spring Reading Day No Class
5/5	5/6	5/7	5/8	5/9