

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
Jan 15th Martin Luther King, Jr. Day No Class	16th 9.1 - 3D Coordinate Systems	17th 9.2 - Vectors EWA 9.1 due tonight	18th P: 3D Graphing HW 1 due	19th 9.2 - Vectors (continued)
22nd 9.3 - Dot Product EWA 9.2 due tonight	23rd 9.4 - Cross Product EWA 9.3 due tonight	24th 9.5 - Equations of Lines and Planes EWA 9.4 due tonight	25th P: A Review of Vectors HW 2 due	26th 9.6 - Functions and Surfaces Optional Activity: What is This Thing? (1) EWA 9.5 due tonight
29th A: Quadric Surfaces	30th 9.7 - Cylindrical and Spherical Coordinates A: Parametric matching EWA 9.6 due tonight	31st 10.1 - Vector Functions and Space Curves EWA 9.7 due tonight	Feb 1st P: Parameterized Curves and Surfaces HW 3 due	2nd 10.2 - Derivatives and Integrals of Vector Functions EWA 10.1 due tonight
5th 10.3 - Arc Length EWA 10.2 due tonight	6th 10.5 - Parametric Surfaces EWA 10.3 due tonight	7th 10.5 - Parametric Surfaces (continued)	8th P: Introduction to Line Integrals HW 4 due	9th 11.1 - Functions of Several Variables EWA 10.5 due tonight
12th Review EXAM 1 5:45pm-7:15pm	13th 11.2 - Limits and Continuity	14th 11.2 - Limits and Continuity (continued) EWA 11.1 due tonight	15th P: Limits and Polar Coordinates HW 5 due	16th 11.3 - Partial Derivatives A: What is the Derivative of This Thing? EWA 11.2 due tonight

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19th 11.4 - Tangent Planes and Linear Approximation A: Composition of Functions EWA 11.3 due tonight	20th 11.5 - The Chain Rule EWA 11.4 due tonight	21st 11.6 - Directional Derivatives and the Gradient Vector	22nd P: Gradient Graphically HW 6 due	23rd 11.6 - Directional Derivatives and the Gradient Vector (continued) EWA 11.5 due tonight
26th 11.7 - Maximum and Minimum Values EWA 11.6 due tonight	27th 11.7 - Maximum and Minimum Values (continued)	28th 11.8 - Lagrange Multipliers EWA 11.7 due tonight	29th P: Optimization HW 7 due	Mar 1st 12.1 - Double integrals over rectangles EWA 11.8 due tonight
4th 12.1 - Double Integrals over Rectangles (continued)	5th 12.2 - Iterated Integrals EWA 12.1 due tonight	6th 12.3 - Double Integrals over General Regions EWA 12.2 due tonight	7th P: Slices vs. Skyscrapers and Order of Integration HW 8 due	8th 12.4 - Double Integrals in Polar Coordinates EWA 12.3 due tonight
11th Review EXAM 2 5:45pm-7:15pm	12th 12.4 - Double Integrals in Polar Coordinates (continued)	13th 12.5 - Applications of Double Integrals EWA 12.4 due tonight	14th P: Applications of Multiple Integrals HW 9 due	15th 12.6 - Surface Area EWA 12.5 due tonight
18th 12.7 - Triple Integrals EWA 12.6 due tonight	19th 12.7 - Triple Integrals (continued)	20th 12.8 - Triple Integrals in Cylindrical and Spherical Coordinates EWA 12.7 due tonight	21st P: Introduction to Surface Integrals HW 10 due	22nd 12.8 - Triple Integrals in Cylindrical and Spherical Coordinates (continued)

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
25th Spring Break	26th Spring Break	27th Spring Break	28th Spring Break	29th Spring Break
Apr 1st 12.9 - Change of Variables in Multiple Integrals EWA 12.8 due tonight	2nd 12.9 - Change of Variables in Multiple Integrals (continued)	3rd 13.1 - Vector Fields Vector Field Matching EWA 12.9 due tonight	4th P: Line Integrals over Vector Fields HW 11 due	5th 13.2 - Line Integrals over <i>Scalar Fields</i> EWA 13.1 due tonight
8th 13.2 - Line Integrals over <i>Vector Fields</i> EWA 13.2a due tonight	9th 13.3 - Fundamental Theorem of Calculus for Line Integrals EWA 13.2b due tonight	10th 13.3 Fundamental Theorem of Calculus for Line Integrals (continued)	11th P: What is This Thing? (2, line integrals) HW 12 due	12th 13.4 - Green's Theorem EWA 13.3 due tonight
15th Review EXAM 3 5:45pm-7:15pm	16th 13.5 - Curl and Divergence Conservative or not? EWA 13.4 due tonight	17th 13.5 - Curl and Divergence (continued) EWA 13.5a due tonight	18th P: Introduction to Flux HW 13 due	19th 13.6 - Surface Integrals EWA 13.5b due tonight
22nd 13.6 - Surface Integrals (continued) EWA 13.6a due tonight	23rd 13.6 - Surface Integrals (continued)	24th 13.7 - Stokes' Theorem EWA 13.6b due tonight	25th P: What is This Thing? (3, types of integrals) HW 14 due	26th 13.7 - Stokes' Theorem (continued)

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
29th 13.8 - Divergence Theorem EWA 13.7 due tonight	30th 13.8 - Divergence Theorem (Continued)	May 1st A: Fundamental Theorems Practice (13.9) EWA 13.8a due tonight	2nd P: Fundamental Theorem Flow Chart P: Fundamental Theorem Matching HW 15 due EWA 13.8b due tonight	3rd Spring Reading Day No Class
6th	7th	8th FINAL EXAM 10:30am — 1:00pm	9th	10th