



Activity Log

Hecker, Frank

Student ID: 12224

Start Date: 2/8/2026

End Date: 7/23/2026

Thu, Jul 23rd, 2026 (25 XP)

COURSE	TASK	DESCRIPTION	XP EARNED
Multivariable Calculus	Lesson	Triple Integrals in Spherical Polar Coordinates	25/20 XP

Wed, Jul 22nd, 2026 (46 XP)

COURSE	TASK	DESCRIPTION	XP EARNED
Multivariable Calculus	Review	Triple Integrals Over Type II Regions	7/5 XP
Multivariable Calculus	Review	Computing Triple Integrals Using a Change of Variables	8/6 XP
Multivariable Calculus	Review	Geometric Interpretations of Partial Derivatives	0/5 XP
Multivariable Calculus	Lesson	Newton's Method for Optimizing Multivariable Functions	31/25 XP

Tue, Jul 21st, 2026 (57 XP)

COURSE	TASK	DESCRIPTION	XP EARNED
Multivariable Calculus	Multistep	Surface Integrals Applied to Charged Surfaces	15/15 XP
Multivariable Calculus	Review	Radius of Convergence of Power Series Centered at the Origin	7/5 XP
Multivariable Calculus	Review	Optimizing Multivariable Functions Using Lagrange Multipliers	7/5 XP
Multivariable Calculus	Review	The Inverse of an Affine Transformation	7/5 XP
Multivariable Calculus	Quiz	Quiz 32	15/15 XP
Multivariable Calculus	Review	Solving Inequalities Involving Positive and Negative Factors	6/4 XP

Mon, Jul 20th, 2026 (46 XP)

COURSE	TASK	DESCRIPTION	XP EARNED
Multivariable Calculus	Lesson	Newton's Method for Multivariable Functions	31/25 XP
Multivariable Calculus	Review	Properties of Roots of Unity	4/4 XP
Multivariable Calculus	Review	Integrating Hyperbolic Functions Using Substitution	5/5 XP
Multivariable Calculus	Review	The Spectral Theorem	6/4 XP

Sun, Jul 19th, 2026 (52 XP)

COURSE	TASK	DESCRIPTION	XP EARNED
Multivariable Calculus	Lesson	Computing Triple Integrals Using a Change of Variables	23/18 XP
Multivariable Calculus	Multistep	The Divergence Theorem and Stokes' Theorem Applied to Velocity Fields	12/12 XP

Multivariable Calculus	Review	The Gradient as a Normal Vector	7/5 XP
Multivariable Calculus	Review	Calculating Related Rates Using Trigonometry	10/8 XP

Sat, Jul 18th, 2026 (63 XP)

COURSE	TASK	DESCRIPTION	XP EARNED
Multivariable Calculus	Review	Confidence Intervals for One Variance	6/4 XP
Multivariable Calculus	Lesson	Newton's Method for Optimizing Single-Variable Functions	25/25 XP
Multivariable Calculus	Review	The Parallel Axis Theorem	6/6 XP
Multivariable Calculus	Review	Surface Areas of Revolution: Rotation About the Y-Axis	7/5 XP
Multivariable Calculus	Review	The Components of Acceleration	5/5 XP
Multivariable Calculus	Quiz	Quiz 31	14/14 XP

Fri, Jul 17th, 2026 (60 XP)

COURSE	TASK	DESCRIPTION	XP EARNED
Multivariable Calculus	Lesson	Newton's Method	22/25 XP
Multivariable Calculus	Review	Tangent Lines to Level Curves	7/5 XP
Multivariable Calculus	Multistep	Green's Theorem Applied to Fluid Velocity Fields	14/14 XP
Multivariable Calculus	Review	Calculating Related Rates With Cones	9/7 XP
Multivariable Calculus	Review	Changing the Order of Integration in Triple Integrals: Changing Projection	8/6 XP

Thu, Jul 16th, 2026 (59 XP)

COURSE	TASK	DESCRIPTION	XP EARNED
Multivariable Calculus	Lesson	Optimizing Multivariable Functions Using Lagrange Multipliers	20/16 XP
Multivariable Calculus	Review	Areas of Surfaces	5/5 XP
Multivariable Calculus	Review	Calculating Flux in Two-Dimensional Vector Fields	9/7 XP
Multivariable Calculus	Review	Stream Functions	4/4 XP
Multivariable Calculus	Lesson	Computing Double Integrals Using a Change of Variables	21/17 XP

Wed, Jul 15th, 2026 (18 XP)

COURSE	TASK	DESCRIPTION	XP EARNED
Multivariable Calculus	Review	The Curvature of a Plane Curve	5/5 XP
Multivariable Calculus	Review	Properties of Line Integrals of Vector-Valued Functions	6/4 XP
Multivariable Calculus	Quiz	Quiz 30	7/15 XP

Tue, Jul 14th, 2026 (45 XP)

COURSE	TASK	DESCRIPTION	XP EARNED
Multivariable Calculus	Review	Properties of the Divergence Operator	7/5 XP
Multivariable Calculus	Review	The Curvature of a Plane Curve	5/5 XP

Multivariable Calculus	Multistep	Moments of Rectangular Plates With Variable Mass Density	11/15 XP
Multivariable Calculus	Quiz	Quiz 30	9/15 XP
Multivariable Calculus	Review	Further Properties of Line Integrals of Scalar Functions	5/5 XP
Multivariable Calculus	Review	Calculating Flux Through Closed Surfaces	8/8 XP

Mon, Jul 13th, 2026 (52 XP)

COURSE	TASK	DESCRIPTION	XP EARNED
Multivariable Calculus	Review	Surface Areas of Revolution for Parametric Curves	10/8 XP
Multivariable Calculus	Lesson	Calculating the Radius of Gyration of a Plane Lamina	29/23 XP
Multivariable Calculus	Review	Differentiating Under the Integral Sign	13/10 XP

Sun, Jul 12th, 2026 (46 XP)

COURSE	TASK	DESCRIPTION	XP EARNED
Multivariable Calculus	Review	Calculating Global Extrema of Multivariable Functions	8/6 XP
Multivariable Calculus	Review	Properties of Line Integrals of Vector-Valued Functions	6/4 XP
Multivariable Calculus	Lesson	Computing Areas Using a Change of Variables	24/19 XP
Multivariable Calculus	Review	Changing the Order of Integration in Triple Integrals: Changing Region	8/6 XP

Sat, Jul 11th, 2026 (43 XP)

COURSE	TASK	DESCRIPTION	XP EARNED
Multivariable Calculus	Multistep	Flux Computations Applied to Air Conditioning Systems	13/13 XP
Multivariable Calculus	Review	Line Integrals of Scalar Functions Over Polar Curves	2/4 XP
Multivariable Calculus	Review	Writing Sums of Trigonometric Functions in Amplitude-Phase Form	0/5 XP
Multivariable Calculus	Quiz	Quiz 29	18/15 XP
Multivariable Calculus	Lesson	Source-Free Vector Fields	10/10 XP

Fri, Jul 10th, 2026 (24 XP)

COURSE	TASK	DESCRIPTION	XP EARNED
Multivariable Calculus	Lesson	Changing the Order of Integration in Triple Integrals: Changing Region	24/19 XP

Thu, Jul 9th, 2026 (48 XP)

COURSE	TASK	DESCRIPTION	XP EARNED
Multivariable Calculus	Review	Differentials	6/4 XP
Multivariable Calculus	Review	The Shell Method: Rotation About the Y-Axis	8/8 XP
Multivariable Calculus	Review	Introduction to Curvature	6/6 XP
Multivariable Calculus	Lesson	Calculating Flux Through Closed Surfaces	20/16 XP

Multivariable Calculus	Review	Integrating Functions Using Polynomial Division	8/6 XP
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Wed, Jul 8th, 2026 (58 XP)

COURSE	TASK	DESCRIPTION	XP EARNED
Multivariable Calculus	Review	Determining Properties of Objects Described as Functions of Displacement	9/7 XP
Multivariable Calculus	Review	Horizontal and Vertical Tangents to Polar Curves in Non-Differentiable Cases	10/8 XP
Multivariable Calculus	Lesson	Transformations of Regions Between Curves	18/14 XP
Multivariable Calculus	Lesson	Properties of the Divergence Operator	13/10 XP
Multivariable Calculus	Multistep	The Divergence Theorem and Stokes' Theorem Applied to Velocity Fields	8/12 XP

Tue, Jul 7th, 2026 (55 XP)

COURSE	TASK	DESCRIPTION	XP EARNED
Multivariable Calculus	Quiz	Quiz 28	18/15 XP
Multivariable Calculus	Review	Moments and Centers of Mass of Plane Laminas	7/5 XP
Multivariable Calculus	Review	The Change-of-Variables Method for Continuous Random Variables	6/4 XP
Multivariable Calculus	Review	The Osculating Plane	8/6 XP
Multivariable Calculus	Lesson	Stream Functions	16/13 XP

Mon, Jul 6th, 2026 (37 XP)

COURSE	TASK	DESCRIPTION	XP EARNED
Multivariable Calculus	Review	Finding Curvature Using the Cross Product	8/6 XP
Multivariable Calculus	Review	Solving Trigonometric Equations Using the Zero-Product Property	6/6 XP
Multivariable Calculus	Review	The Multivariable Chain Rule in Vector Form	8/6 XP
Multivariable Calculus	Lesson	Properties of the Curl Operator	15/12 XP

Sun, Jul 5th, 2026 (46 XP)

COURSE	TASK	DESCRIPTION	XP EARNED
Multivariable Calculus	Review	Triple Integrals in Cylindrical Polar Coordinates	7/5 XP
Multivariable Calculus	Review	Hypothesis Tests for One Mean: Unknown Population Variance	6/4 XP
Multivariable Calculus	Review	Radius of Curvature	8/6 XP
Multivariable Calculus	Lesson	Determining Properties of Objects Described as Functions of Displacement	25/20 XP

Sat, Jul 4th, 2026 (49 XP)

COURSE	TASK	DESCRIPTION	XP EARNED
Multivariable Calculus	Multistep	Conservative Electric Fields	13/10 XP
Multivariable Calculus	Review	Line Integrals of Scalar Functions Over Polar Curves	6/4 XP
Multivariable Calculus	Review	De Moivre's Theorem	6/4 XP

Multivariable Calculus	Review	Stokes' Theorem	10/8 XP
Multivariable Calculus	Quiz	Quiz 27	14/14 XP

Fri, Jul 3rd, 2026 (48 XP)

COURSE	TASK	DESCRIPTION	XP EARNED
Multivariable Calculus	Review	Further Properties of Line Integrals of Scalar Functions	7/5 XP
Multivariable Calculus	Lesson	Lagrange Multipliers With Multiple Constraints	11/9 XP
Multivariable Calculus	Review	Calculating the Total Distance Traveled by a Particle	7/7 XP
Multivariable Calculus	Review	Intersections of Lines and Planes With Surfaces	7/5 XP
Multivariable Calculus	Review	Parameterization by Arc Length	7/5 XP
Multivariable Calculus	Lesson	Connected and Simply-Connected Regions	9/7 XP

Thu, Jul 2nd, 2026 (58 XP)

COURSE	TASK	DESCRIPTION	XP EARNED
Multivariable Calculus	Review	Applying Newton's Second Law in the Plane	10/8 XP
Multivariable Calculus	Review	Introduction to Curvature	8/6 XP
Multivariable Calculus	Review	Calculating Related Rates With Circles and Spheres	9/7 XP
Multivariable Calculus	Lesson	The Components of Acceleration	18/14 XP
Multivariable Calculus	Lesson	Line Integrals of Scalar Functions Over Polar Curves	13/13 XP

Wed, Jul 1st, 2026 (68 XP)

COURSE	TASK	DESCRIPTION	XP EARNED
Multivariable Calculus	Multistep	Vector Fields and Curvature	15/15 XP
Multivariable Calculus	Review	The Curvature of a Plane Curve	5/5 XP
Multivariable Calculus	Quiz	Quiz 26	14/14 XP
Multivariable Calculus	Review	The Lagrange Error Bound	11/9 XP
Multivariable Calculus	Review	Changing the Order of Integration in Double Integrals	4/4 XP
Multivariable Calculus	Lesson	Further Properties of Line Integrals of Scalar Functions	9/9 XP
Multivariable Calculus	Review	Evaluating Limits at Infinity of Radical Functions	2/4 XP
Multivariable Calculus	Review	Changing the Order of Integration in Triple Integrals: Changing Projection	8/6 XP

Tue, Jun 30th, 2026 (33 XP)

COURSE	TASK	DESCRIPTION	XP EARNED
Multivariable Calculus	Review	The Nth Term Test for Divergence	4/4 XP
Multivariable Calculus	Lesson	Stokes' Theorem	29/23 XP

Sun, Jun 28th, 2026 (56 XP)

COURSE	TASK	DESCRIPTION	XP EARNED
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Multivariable Calculus	Lesson	The Osculating Plane	21/17 XP
Multivariable Calculus	Quiz	Quiz 25	17/14 XP
Multivariable Calculus	Review	Sums of Line Integrals With Respect to X and Y	8/6 XP
Multivariable Calculus	Review	Double Integrals Over Partitioned Regions	8/6 XP
Multivariable Calculus	Quiz	Quiz 25	2/14 XP

Sat, Jun 27th, 2026 (40 XP)

COURSE	TASK	DESCRIPTION	XP EARNED
Multivariable Calculus	Multistep	Flux Across Cylindrical Heaters	18/14 XP
Multivariable Calculus	Review	Using Green's Theorem to Calculate Area	7/5 XP
Multivariable Calculus	Review	Surfaces of Revolution	6/4 XP
Multivariable Calculus	Review	Calculating Flux in Two-Dimensional Vector Fields	9/7 XP

Fri, Jun 26th, 2026 (49 XP)

COURSE	TASK	DESCRIPTION	XP EARNED
Multivariable Calculus	Lesson	Binormal Vectors	20/16 XP
Multivariable Calculus	Review	The Divergence Theorem	6/4 XP
Multivariable Calculus	Review	The Arc Length of a Polar Curve	9/7 XP
Multivariable Calculus	Review	The Inverse Function Theorem	6/4 XP
Multivariable Calculus	Review	The Rule of the Lazy Statistician for Two Random Variables	8/6 XP

Thu, Jun 25th, 2026 (28 XP)

COURSE	TASK	DESCRIPTION	XP EARNED
Multivariable Calculus	Lesson	The Average Value of a Multivariable Function	15/15 XP
Multivariable Calculus	Review	Areas of Surfaces	5/5 XP
Multivariable Calculus	Review	Calculating Volumes of Solids Using Triple Integrals	8/6 XP

Wed, Jun 24th, 2026 (21 XP)

COURSE	TASK	DESCRIPTION	XP EARNED
Multivariable Calculus	Review	Surface Integrals Over Parametric Surfaces	7/5 XP
Multivariable Calculus	Lesson	Extending Green's Theorem	14/11 XP

Tue, Jun 23rd, 2026 (14 XP)

COURSE	TASK	DESCRIPTION	XP EARNED
Multivariable Calculus	Multistep	Flux Across Cylindrical Heaters	7/14 XP
Multivariable Calculus	Review	Radius of Convergence of Power Series	7/5 XP

Mon, Jun 22nd, 2026 (23 XP)

COURSE	TASK	DESCRIPTION	XP EARNED
Multivariable Calculus	Review	Radius of Curvature	8/6 XP
Multivariable Calculus	Quiz	Quiz 24	15/15 XP

Sun, Jun 21st, 2026 (26 XP)

COURSE	TASK	DESCRIPTION	XP EARNED
Multivariable Calculus	Review	Changing the Order of Integration in Triple Integrals: Changing Projection	8/6 XP
Multivariable Calculus	Lesson	Using Green's Theorem to Calculate Area	18/14 XP

Sat, Jun 20th, 2026 (45 XP)

COURSE	TASK	DESCRIPTION	XP EARNED
Multivariable Calculus	Lesson	The Divergence Theorem	10/8 XP
Multivariable Calculus	Review	Integration Using the Hyperbolic Double-Angle Formulas	7/5 XP
Multivariable Calculus	Review	Surfaces of Revolution	6/4 XP
Multivariable Calculus	Review	Changing the Order of Integration in Double Integrals	6/4 XP
Multivariable Calculus	Lesson	Triple Integrals in Cylindrical Polar Coordinates	16/16 XP

Thu, Jun 18th, 2026 (23 XP)

COURSE	TASK	DESCRIPTION	XP EARNED
Multivariable Calculus	Lesson	Changing the Order of Integration in Triple Integrals: Changing Projection	23/18 XP

Wed, Jun 17th, 2026 (39 XP)

COURSE	TASK	DESCRIPTION	XP EARNED
Multivariable Calculus	Review	Calculating Global Extrema of Multivariable Functions	6/6 XP
Multivariable Calculus	Review	The Parallel Axis Theorem	8/6 XP
Multivariable Calculus	Review	The Divergence of a Vector Field	6/4 XP
Multivariable Calculus	Quiz	Quiz 23	4/15 XP
Multivariable Calculus	Multistep	Surface Integrals Applied to Charged Surfaces	15/15 XP

Mon, Jun 15th, 2026 (44 XP)

COURSE	TASK	DESCRIPTION	XP EARNED
Multivariable Calculus	Review	Integration Using the Hyperbolic Pythagorean Identities	4/6 XP
Multivariable Calculus	Review	The Parallel Axis Theorem	8/6 XP
Multivariable Calculus	Review	The Divergence of a Vector Field	6/4 XP
Multivariable Calculus	Quiz	Quiz 23	8/14 XP
Multivariable Calculus	Lesson	The Curvature of a Plane Curve	18/14 XP

Sun, Jun 14th, 2026 (41 XP)

COURSE	TASK	DESCRIPTION	XP EARNED
Multivariable Calculus	Review	The Jacobian of a Three-Dimensional Transformation	7/5 XP
Multivariable Calculus	Review	Calculating Flux in Two-Dimensional Vector Fields	7/7 XP
Multivariable Calculus	Review	Calculating Global Extrema of Multivariable Functions	8/6 XP
Multivariable Calculus	Lesson	Intersections of Lines and Planes With Surfaces	19/15 XP

Sat, Jun 13th, 2026 (47 XP)

COURSE	TASK	DESCRIPTION	XP EARNED
Multivariable Calculus	Review	Sums of Line Integrals With Respect to X and Y	8/6 XP
Multivariable Calculus	Review	Finding the Area of a Polar Region	14/11 XP
Multivariable Calculus	Review	Triple Integrals Over Type II Regions	7/5 XP
Multivariable Calculus	Quiz	Quiz 22	18/15 XP

Fri, Jun 12th, 2026 (66 XP)

COURSE	TASK	DESCRIPTION	XP EARNED
Multivariable Calculus	Lesson	Differentials	21/17 XP
Multivariable Calculus	Review	Finding Curvature Using the Cross Product	8/6 XP
Multivariable Calculus	Review	Lagrange Multipliers With One Constraint	9/7 XP
Multivariable Calculus	Quiz	Quiz 22	-2/14 XP
Multivariable Calculus	Lesson	The Parallel Axis Theorem	30/24 XP

Thu, Jun 11th, 2026 (23 XP)

COURSE	TASK	DESCRIPTION	XP EARNED
Multivariable Calculus	Review	The Area Bounded by Two Polar Curves	10/8 XP
Multivariable Calculus	Review	Path Independence of Line Integrals	6/4 XP
Multivariable Calculus	Review	The Total Area Bounded by a Single Polar Curve	7/5 XP

Wed, Jun 10th, 2026 (47 XP)

COURSE	TASK	DESCRIPTION	XP EARNED
Multivariable Calculus	Lesson	Changing the Order of Integration in Double Integrals	16/13 XP
Multivariable Calculus	Lesson	Radius of Curvature	23/18 XP
Multivariable Calculus	Review	Velocity and Acceleration as Functions of Displacement	8/6 XP

Tue, Jun 9th, 2026 (56 XP)

COURSE	TASK	DESCRIPTION	XP EARNED
Multivariable Calculus	Review	Introduction to Curvature	8/6 XP
Multivariable Calculus	Quiz	Quiz 21	7/12 XP

Multivariable Calculus	Multistep	Flux Across Cylindrical Heaters	14/14 XP
Multivariable Calculus	Review	The Shortest Distance Between a Plane and a Point	7/5 XP
Multivariable Calculus	Review	LU Factorization of NxN Matrices	6/4 XP
Multivariable Calculus	Review	Calculating Global Extrema of Multivariable Functions	8/6 XP
Multivariable Calculus	Quiz	Quiz 21	6/15 XP

Mon, Jun 8th, 2026 (48 XP)

COURSE	TASK	DESCRIPTION	XP EARNED
Multivariable Calculus	Lesson	Double Integrals Over Partitioned Regions	23/18 XP
Multivariable Calculus	Lesson	Lagrange Multipliers With One Constraint	25/20 XP

Sun, Jun 7th, 2026 (43 XP)

COURSE	TASK	DESCRIPTION	XP EARNED
Multivariable Calculus	Review	Exponential Growth and Decay Models With First-Order ODEs: Half-Life Problems	6/4 XP
Multivariable Calculus	Review	Tangent Planes to Level Surfaces	7/5 XP
Multivariable Calculus	Review	Calculating Areas Bounded by Parametric Functions	6/6 XP
Multivariable Calculus	Lesson	Finding Curvature Using the Cross Product	24/19 XP

Fri, Jun 5th, 2026 (14 XP)

COURSE	TASK	DESCRIPTION	XP EARNED
Multivariable Calculus	Lesson	Tangent Planes to Level Surfaces	14/11 XP

Thu, Jun 4th, 2026 (54 XP)

COURSE	TASK	DESCRIPTION	XP EARNED
Multivariable Calculus	Review	Tangent Lines to Level Curves	7/5 XP
Multivariable Calculus	Review	Parameterization by Arc Length	7/5 XP
Multivariable Calculus	Quiz	Quiz 20	4/15 XP
Multivariable Calculus	Multistep	Expansion Rates and Vorticity in Fluid Velocity Fields	14/11 XP
Multivariable Calculus	Review	The Column Space of a Matrix	8/6 XP
Multivariable Calculus	Review	Tangent Lines to Level Curves	5/5 XP
Multivariable Calculus	Quiz	Quiz 20	4/15 XP
Multivariable Calculus	Review	Constrained Optimization of Quadratic Forms: Determining Where Extrema are Attained	5/5 XP

Wed, Jun 3rd, 2026 (60 XP)

COURSE	TASK	DESCRIPTION	XP EARNED
Multivariable Calculus	Lesson	Differentials	21/17 XP
Multivariable Calculus	Review	Calculating Flux in Two-Dimensional Vector Fields	9/7 XP
Multivariable Calculus	Review	Singular Value Decomposition of Larger Matrices	9/7 XP

Multivariable Calculus	Lesson	Calculating Global Extrema of Multivariable Functions	21/17 XP
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Mon, Jun 1st, 2026 (59 XP)

COURSE	TASK	DESCRIPTION	XP EARNED
Multivariable Calculus	Lesson	Introduction to Curvature	21/17 XP
Multivariable Calculus	Review	Green's Theorem in Flux Form	6/4 XP
Multivariable Calculus	Quiz	Quiz 19	14/14 XP
Multivariable Calculus	Review	Principal Normal Vectors	8/6 XP
Multivariable Calculus	Review	Green's Theorem in Flux Form	6/4 XP
Multivariable Calculus	Quiz	Quiz 19	4/14 XP

Sun, May 31st, 2026 (55 XP)

COURSE	TASK	DESCRIPTION	XP EARNED
Multivariable Calculus	Review	Tangent Lines to Level Curves	7/5 XP
Multivariable Calculus	Review	The Sum of the First N Terms of a Geometric Series	6/4 XP
Multivariable Calculus	Lesson	The Multivariable Chain Rule With Polar Coordinates	19/15 XP
Multivariable Calculus	Lesson	The Multivariable Mean-Value Theorem	23/18 XP

Sat, May 30th, 2026 (14 XP)

COURSE	TASK	DESCRIPTION	XP EARNED
Multivariable Calculus	Multistep	Flux Across Cylindrical Heaters	14/14 XP

Fri, May 29th, 2026 (58 XP)

COURSE	TASK	DESCRIPTION	XP EARNED
Multivariable Calculus	Review	Green's Theorem in Flux Form	6/4 XP
Multivariable Calculus	Review	Calculating Derivatives From Graphs Using the Chain Rule	6/4 XP
Multivariable Calculus	Review	Green's Theorem in Polar Coordinates	6/4 XP
Multivariable Calculus	Lesson	Parameterization by Arc Length	19/15 XP
Multivariable Calculus	Lesson	Flux Through Closed Surfaces	21/17 XP

Thu, May 28th, 2026 (38 XP)

COURSE	TASK	DESCRIPTION	XP EARNED
Multivariable Calculus	Quiz	Quiz 18	16/13 XP
Multivariable Calculus	Review	The Spectral Theorem	6/4 XP
Multivariable Calculus	Review	Calculating Flux Through Parametric Surfaces	7/5 XP
Multivariable Calculus	Quiz	Quiz 18	9/15 XP

Wed, May 27th, 2026 (53 XP)

COURSE	TASK	DESCRIPTION	XP EARNED
Multivariable Calculus	Review	Calculating Flux Through Cartesian Surfaces	8/6 XP
Multivariable Calculus	Lesson	Tangent Lines to Level Curves	18/14 XP
Multivariable Calculus	Lesson	Principal Normal Vectors	21/17 XP
Multivariable Calculus	Multistep	Expansion Rates and Vorticity in Fluid Velocity Fields	6/11 XP

Tue, May 26th, 2026 (44 XP)

COURSE	TASK	DESCRIPTION	XP EARNED
Multivariable Calculus	Review	The Spectral Theorem	4/4 XP
Multivariable Calculus	Review	Moments of Inertia of Laminas About the Coordinate Axes	8/6 XP
Multivariable Calculus	Review	Approximating Integrals Using Taylor Series	6/6 XP
Multivariable Calculus	Lesson	Moments of Inertia of Laminas About Other Axes	26/21 XP

Mon, May 25th, 2026 (42 XP)

COURSE	TASK	DESCRIPTION	XP EARNED
Multivariable Calculus	Lesson	Calculating Flux Through Cartesian Surfaces	21/17 XP
Multivariable Calculus	Review	Moments and Centers of Mass of Plane Laminas	7/5 XP
Multivariable Calculus	Quiz	Quiz 17	14/14 XP

Sun, May 24th, 2026 (60 XP)

COURSE	TASK	DESCRIPTION	XP EARNED
Multivariable Calculus	Review	Calculating Flux in Two-Dimensional Vector Fields	7/7 XP
Multivariable Calculus	Review	The Matrix of a Linear Map Relative to Two Bases	6/4 XP
Multivariable Calculus	Quiz	Quiz 17	9/15 XP
Multivariable Calculus	Multistep	Flux Across Cylindrical Heaters	14/14 XP
Multivariable Calculus	Review	Sums of Line Integrals With Respect to X and Y	8/6 XP
Multivariable Calculus	Review	Using Integration by Parts to Calculate Integrals With Logarithms	9/7 XP
Multivariable Calculus	Review	Calculating Flux Through Parametric Surfaces	7/5 XP

Sat, May 23rd, 2026 (46 XP)

COURSE	TASK	DESCRIPTION	XP EARNED
Multivariable Calculus	Lesson	Green's Theorem in Flux Form	13/10 XP
Multivariable Calculus	Review	Moments and Centers of Mass of Plane Laminas	7/5 XP
Multivariable Calculus	Review	Calculating Flux in Two-Dimensional Vector Fields	9/7 XP
Multivariable Calculus	Review	Properties of Line Integrals of Vector-Valued Functions	6/4 XP
Multivariable Calculus	Lesson	Green's Theorem in Polar Coordinates	11/11 XP

Fri, May 22nd, 2026 (42 XP)

COURSE	TASK	DESCRIPTION	XP EARNED
Multivariable Calculus	Review	Removing Discontinuities From Rational Functions	6/4 XP
Multivariable Calculus	Review	Confidence Intervals for Linear Regression Slope Parameters	4/4 XP
Multivariable Calculus	Review	Identifying Quadric Surfaces	2/4 XP
Multivariable Calculus	Lesson	Moments of Inertia of Laminas About the Coordinate Axes	30/24 XP

Thu, May 21st, 2026 (49 XP)

COURSE	TASK	DESCRIPTION	XP EARNED
Multivariable Calculus	Multistep	Expansion Rates and Vorticity in Fluid Velocity Fields	11/11 XP
Multivariable Calculus	Review	Line Integrals of Vector-Valued Functions Over General Curves	8/6 XP
Multivariable Calculus	Review	Combining Linear Transformations Using 2x2 Matrices	6/6 XP
Multivariable Calculus	Review	Circulation	6/4 XP
Multivariable Calculus	Quiz	Quiz 16	18/15 XP

Wed, May 20th, 2026 (56 XP)

COURSE	TASK	DESCRIPTION	XP EARNED
Multivariable Calculus	Lesson	Moments and Centers of Mass of Plane Laminas	24/19 XP
Multivariable Calculus	Review	The Curl of a Vector Field	6/4 XP
Multivariable Calculus	Review	Path Independence of Line Integrals	6/4 XP
Multivariable Calculus	Lesson	Calculating Flux Through Parametric Surfaces	14/11 XP
Multivariable Calculus	Review	Block Diagonalization of NxN Matrices	6/4 XP

Tue, May 19th, 2026 (41 XP)

COURSE	TASK	DESCRIPTION	XP EARNED
Multivariable Calculus	Review	Properties of Line Integrals of Vector-Valued Functions	6/4 XP
Multivariable Calculus	Review	Tangent and Normal Lines to Polar Curves	10/10 XP
Multivariable Calculus	Lesson	Calculating Flux in Two-Dimensional Vector Fields	25/20 XP

Mon, May 18th, 2026 (48 XP)

COURSE	TASK	DESCRIPTION	XP EARNED
Multivariable Calculus	Lesson	Introduction to Green's Theorem	21/17 XP
Multivariable Calculus	Multistep	Flux Across Cylindrical Heaters	9/14 XP
Multivariable Calculus	Review	Calculating Volumes of Solids Using Triple Integrals	6/4 XP
Multivariable Calculus	Quiz	Quiz 15	12/12 XP

Sun, May 17th, 2026 (28 XP)

COURSE	TASK	DESCRIPTION	XP EARNED
Multivariable Calculus	Review	Calculating Volumes of Solids Using Triple Integrals	6/4 XP

Multivariable Calculus	Review	Surface Integrals Over Cartesian Surfaces	7/5 XP
Multivariable Calculus	Review	Sums of Line Integrals With Respect to X and Y	8/6 XP
Multivariable Calculus	Review	The Fundamental Theorem for Line Integrals	7/5 XP
Multivariable Calculus	Quiz	Quiz 15	0/14 XP

Sat, May 16th, 2026 (49 XP)

COURSE	TASK	DESCRIPTION	XP EARNED
Multivariable Calculus	Lesson	Circulation	9/9 XP
Multivariable Calculus	Review	Double Integrals Between Polar Curves	7/5 XP
Multivariable Calculus	Review	Parametric Equations of Parabolas Centered at (h,k)	8/6 XP
Multivariable Calculus	Review	Flux in Three-Dimensional Vector Fields	5/5 XP
Multivariable Calculus	Lesson	Properties of Line Integrals of Vector-Valued Functions	14/11 XP
Multivariable Calculus	Review	The Image of an Affine Transformation	6/4 XP

Fri, May 15th, 2026 (42 XP)

COURSE	TASK	DESCRIPTION	XP EARNED
Multivariable Calculus	Review	Triple Integrals Over Type II Regions	7/5 XP
Multivariable Calculus	Review	Limits and Continuity of Multivariable Functions	6/4 XP
Multivariable Calculus	Lesson	Properties of Line Integrals With Respect to X and Y	9/7 XP
Multivariable Calculus	Multistep	Expansion Rates and Vorticity in Fluid Velocity Fields	2/11 XP
Multivariable Calculus	Review	Density, Mass, and Charge of Plane Laminas	7/5 XP
Multivariable Calculus	Review	Connecting Infinite Limits and Vertical Asymptotes of Rational Functions	4/4 XP
Multivariable Calculus	Review	Areas of Surfaces	7/5 XP

Thu, May 14th, 2026 (52 XP)

COURSE	TASK	DESCRIPTION	XP EARNED
Multivariable Calculus	Lesson	Path Independence of Line Integrals	16/13 XP
Multivariable Calculus	Review	Directional Derivatives	8/6 XP
Multivariable Calculus	Review	Calculating Volumes of Solids Using Triple Integrals	6/4 XP
Multivariable Calculus	Review	Parametrizations of Cylinders	4/4 XP
Multivariable Calculus	Lesson	Flux in Three-Dimensional Vector Fields	18/14 XP

Wed, May 13th, 2026 (41 XP)

COURSE	TASK	DESCRIPTION	XP EARNED
Multivariable Calculus	Review	Sums of Line Integrals With Respect to X and Y	8/6 XP
Multivariable Calculus	Review	Surface Areas of Revolution: Rotation About the Y-Axis	5/5 XP
Multivariable Calculus	Quiz	Quiz 14	18/15 XP

Multivariable Calculus	Review	Differentiating Under the Integral Sign	10/10 XP
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Tue, May 12th, 2026 (49 XP)

COURSE	TASK	DESCRIPTION	XP EARNED
Multivariable Calculus	Multistep	Flux Across Cylindrical Heaters	10/14 XP
Multivariable Calculus	Lesson	Sums of Line Integrals With Respect to X and Y	24/19 XP
Multivariable Calculus	Review	Integrating Rates of Change	7/5 XP
Multivariable Calculus	Review	The Exponential Distribution	6/4 XP
Multivariable Calculus	Review	Multiple Linear Regression With Matrices	2/4 XP

Mon, May 11th, 2026 (41 XP)

COURSE	TASK	DESCRIPTION	XP EARNED
Multivariable Calculus	Lesson	Flux in Two-Dimensional Vector Fields	19/15 XP
Multivariable Calculus	Review	Surface Integrals Over Cartesian Surfaces	5/5 XP
Multivariable Calculus	Review	Projecting Vectors Onto Subspaces in Euclidean Spaces (Arbitrary Bases): Applications	9/7 XP
Multivariable Calculus	Review	The Bivariate Normal Distribution	8/6 XP

Sun, May 10th, 2026 (55 XP)

COURSE	TASK	DESCRIPTION	XP EARNED
Multivariable Calculus	Lesson	The Fundamental Theorem for Line Integrals	19/15 XP
Multivariable Calculus	Review	Mean and Variance of the Discrete Uniform Distribution	6/4 XP
Multivariable Calculus	Review	Sums of Line Integrals With Respect to X and Y Over Parametric Curves	4/4 XP
Multivariable Calculus	Review	Weighted Least-Squares	8/8 XP
Multivariable Calculus	Quiz	Quiz 13	18/15 XP

Sat, May 9th, 2026 (47 XP)

COURSE	TASK	DESCRIPTION	XP EARNED
Multivariable Calculus	Lesson	Differentiating Under the Integral Sign	24/19 XP
Multivariable Calculus	Lesson	Line Integrals of Vector-Valued Functions Over General Curves	23/18 XP

Fri, May 8th, 2026 (34 XP)

COURSE	TASK	DESCRIPTION	XP EARNED
Multivariable Calculus	Review	The Alternating Series Error Bound	6/4 XP
Multivariable Calculus	Review	Calculating Volumes of Solids Using Triple Integrals	6/4 XP
Multivariable Calculus	Review	QR Factorization	7/5 XP
Multivariable Calculus	Lesson	Sums of Line Integrals With Respect to X and Y Over Parametric Curves	15/12 XP

Thu, May 7th, 2026 (38 XP)

COURSE	TASK	DESCRIPTION	XP EARNED
Multivariable Calculus	Lesson	Calculating Volumes of Solids Using Triple Integrals	13/13 XP
Multivariable Calculus	Review	Triple Integrals Over Type II Regions	7/5 XP
Multivariable Calculus	Review	Double Integrals in Plane Polar Coordinates	7/5 XP
Multivariable Calculus	Review	Line Integrals With Respect to X and Y	7/5 XP
Multivariable Calculus	Quiz	Quiz 12	4/13 XP

Wed, May 6th, 2026 (64 XP)

COURSE	TASK	DESCRIPTION	XP EARNED
Multivariable Calculus	Review	Triple Integrals Over Type II Regions	7/5 XP
Multivariable Calculus	Review	Interpreting Line Integrals of Vector-Valued Functions	6/4 XP
Multivariable Calculus	Review	Line Integrals With Respect to X and Y	7/5 XP
Multivariable Calculus	Review	The Second Partial Derivatives Test	7/5 XP
Multivariable Calculus	Quiz	Quiz 12	0/14 XP
Multivariable Calculus	Review	The Rule of the Lazy Statistician for Two Random Variables	8/6 XP
Multivariable Calculus	Review	The Multivariable Chain Rule in Vector Form	6/6 XP
Multivariable Calculus	Review	Double Integrals Between Polar Curves	7/5 XP
Multivariable Calculus	Lesson	Triple Integrals Over Type III Regions	16/16 XP

Tue, May 5th, 2026 (5 XP)

COURSE	TASK	DESCRIPTION	XP EARNED
Multivariable Calculus	Review	Density, Mass, and Charge of Plane Laminas	5/5 XP

Mon, May 4th, 2026 (42 XP)

COURSE	TASK	DESCRIPTION	XP EARNED
Multivariable Calculus	Review	Integration by Parts in Cyclic Cases	11/9 XP
Multivariable Calculus	Review	Confidence Intervals for One Variance	6/4 XP
Multivariable Calculus	Lesson	Triple Integrals Over Type II Regions	20/20 XP
Multivariable Calculus	Review	Geometric Interpretations of Partial Derivatives	5/5 XP

Sun, May 3rd, 2026 (63 XP)

COURSE	TASK	DESCRIPTION	XP EARNED
Multivariable Calculus	Review	The Gradient as a Normal Vector	7/5 XP
Multivariable Calculus	Review	Surface Integrals Over Cartesian Surfaces	5/5 XP
Multivariable Calculus	Lesson	Line Integrals With Respect to X and Y	19/15 XP
Multivariable Calculus	Review	Areas of Surfaces	5/5 XP
Multivariable Calculus	Review	The Least-Squares Solution of a Linear System (With Collinearity)	9/7 XP

Multivariable Calculus	Quiz	Quiz 11	18/15 XP
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Fri, May 1st, 2026 (7 XP)

COURSE	TASK	DESCRIPTION	XP EARNED
Multivariable Calculus	Review	Outward-Pointing Unit Normal Vectors in 2D	4/4 XP
Multivariable Calculus	Lesson	Differentiating Under the Integral Sign	3/19 XP

Thu, Apr 30th, 2026 (22 XP)

COURSE	TASK	DESCRIPTION	XP EARNED
Multivariable Calculus	Review	Finding the Canonical Form of a Quadratic Form Using Orthogonal Transformations	3/5 XP
Multivariable Calculus	Review	Gradient Vector Fields	6/4 XP
Multivariable Calculus	Lesson	Moments and Centers of Mass of Thin Rods	13/10 XP

Wed, Apr 29th, 2026 (49 XP)

COURSE	TASK	DESCRIPTION	XP EARNED
Multivariable Calculus	Review	Singular Value Decomposition and the Pseudoinverse Matrix	7/5 XP
Multivariable Calculus	Review	Surface Integrals Over Cartesian Surfaces	5/5 XP
Multivariable Calculus	Review	Singular Value Decomposition of Larger Matrices	9/7 XP
Multivariable Calculus	Lesson	Triple Integrals Over Type I Regions	28/22 XP

Tue, Apr 28th, 2026 (20 XP)

COURSE	TASK	DESCRIPTION	XP EARNED
Multivariable Calculus	Lesson	Line Integrals of Scalar Functions Over Line Segments	20/16 XP

Mon, Apr 27th, 2026 (43 XP)

COURSE	TASK	DESCRIPTION	XP EARNED
Multivariable Calculus	Quiz	Quiz 10	17/14 XP
Multivariable Calculus	Review	Areas of Surfaces	7/5 XP
Multivariable Calculus	Review	Finding Generalized Eigenvectors of Specific Ranks	6/4 XP
Multivariable Calculus	Quiz	Quiz 10	7/15 XP
Multivariable Calculus	Review	The Change-of-Variables Method for Continuous Random Variables	6/4 XP

Sun, Apr 26th, 2026 (43 XP)

COURSE	TASK	DESCRIPTION	XP EARNED
Multivariable Calculus	Review	Velocity and Acceleration as Functions of Displacement	8/6 XP
Multivariable Calculus	Review	Hypothesis Tests for Two Means: Known Population Variances	6/4 XP
Multivariable Calculus	Review	The Area Bounded by Two Polar Curves	10/8 XP

Multivariable Calculus	Lesson	Surface Integrals Over Cartesian Surfaces	19/15 XP
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Fri, Apr 24th, 2026 (37 XP)

COURSE	TASK	DESCRIPTION	XP EARNED
Multivariable Calculus	Review	Line Integrals of Scalar Functions Over Ellipses	6/6 XP
Multivariable Calculus	Review	Type I, II, and III Regions in Three-Dimensional Space	7/5 XP
Multivariable Calculus	Review	Surface Integrals Over Parametric Surfaces	5/5 XP
Multivariable Calculus	Lesson	Areas of Surfaces	19/19 XP

Wed, Apr 22nd, 2026 (40 XP)

COURSE	TASK	DESCRIPTION	XP EARNED
Multivariable Calculus	Review	Modeling With the Poisson Distribution	6/4 XP
Multivariable Calculus	Review	Hypothesis Tests for One Mean: Unknown Population Variance	4/4 XP
Multivariable Calculus	Review	The Total Area Bounded by a Single Polar Curve	5/5 XP
Multivariable Calculus	Lesson	Density, Mass, and Charge of Plane Laminas	19/15 XP
Multivariable Calculus	Review	Density, Mass, and Charge of Plane Laminas	0/5 XP
Multivariable Calculus	Review	The Parametric Equations of a Plane	6/4 XP

Tue, Apr 21st, 2026 (11 XP)

COURSE	TASK	DESCRIPTION	XP EARNED
Multivariable Calculus	Quiz	Quiz 9	11/15 XP

Mon, Apr 20th, 2026 (26 XP)

COURSE	TASK	DESCRIPTION	XP EARNED
Multivariable Calculus	Review	The CDF of the Poisson Distribution	6/4 XP
Multivariable Calculus	Review	The Distribution Function Method With Many-to-One Transformations	11/9 XP
Multivariable Calculus	Review	Calculating Related Rates With Cones	9/7 XP

Sun, Apr 12th, 2026 (27 XP)

COURSE	TASK	DESCRIPTION	XP EARNED
Multivariable Calculus	Lesson	Double Integrals Between Polar Curves	19/15 XP
Multivariable Calculus	Review	Computing Principal Components	4/4 XP
Multivariable Calculus	Review	Double Integrals Over Non-Rectangular Domains	4/4 XP

Sat, Apr 11th, 2026 (23 XP)

COURSE	TASK	DESCRIPTION	XP EARNED
Multivariable Calculus	Review	Outward-Pointing Unit Normal Vectors in 2D	4/4 XP

Multivariable Calculus	Lesson	Density, Mass, and Charge of Plane Laminae	19/15 XP
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Fri, Apr 10th, 2026 (16 XP)

COURSE	TASK	DESCRIPTION	XP EARNED
Multivariable Calculus	Review	Integration Rules for Vector-Valued Functions	6/4 XP
Multivariable Calculus	Review	The Change-of-Variables Method for Continuous Random Variables	4/4 XP
Multivariable Calculus	Review	Reducing a Quadratic Curve to Its Principal Axes	6/4 XP

Wed, Apr 8th, 2026 (38 XP)

COURSE	TASK	DESCRIPTION	XP EARNED
Multivariable Calculus	Lesson	Calculating Potential Functions	13/10 XP
Multivariable Calculus	Review	Line Integrals of Scalar Functions Over Ellipses	8/6 XP
Multivariable Calculus	Quiz	Quiz 8	17/14 XP

Tue, Apr 7th, 2026 (45 XP)

COURSE	TASK	DESCRIPTION	XP EARNED
Multivariable Calculus	Review	Line Integrals of Scalar Functions Over Paths Expressed as Functions of Y	8/6 XP
Multivariable Calculus	Review	The Pythagorean Theorem and the Triangle Inequality	7/5 XP
Multivariable Calculus	Quiz	Quiz 8	9/15 XP
Multivariable Calculus	Lesson	Interpreting Line Integrals of Vector-Valued Functions	9/7 XP
Multivariable Calculus	Review	The Inverse Function Theorem	6/4 XP
Multivariable Calculus	Review	Exponential Growth and Decay Models With First-Order ODEs: Calculating Unknown Times and Initial Values	6/4 XP

Mon, Apr 6th, 2026 (45 XP)

COURSE	TASK	DESCRIPTION	XP EARNED
Multivariable Calculus	Review	The Divergence of a Vector Field	6/4 XP
Multivariable Calculus	Lesson	Conservative Vector Fields in the Cartesian Plane	10/8 XP
Multivariable Calculus	Review	Radius of Convergence of Power Series	3/5 XP
Multivariable Calculus	Review	The Rule of the Lazy Statistician for Two Random Variables	8/6 XP
Multivariable Calculus	Review	Steady-State Vectors	7/5 XP
Multivariable Calculus	Lesson	Triple Integrals Over Rectangular Domains	11/11 XP

Sun, Apr 5th, 2026 (41 XP)

COURSE	TASK	DESCRIPTION	XP EARNED
Multivariable Calculus	Lesson	Double Integrals in Plane Polar Coordinates	23/18 XP
Multivariable Calculus	Quiz	Quiz 7	18/15 XP

Sat, Apr 4th, 2026 (28 XP)

COURSE	TASK	DESCRIPTION	XP EARNED
Multivariable Calculus	Review	Identifying Quadric Surfaces	6/4 XP
Multivariable Calculus	Review	Surface Integrals Over Parametric Surfaces	7/5 XP
Multivariable Calculus	Review	Markov Chains	6/4 XP
Multivariable Calculus	Quiz	Quiz 7	9/15 XP

Fri, Apr 3rd, 2026 (44 XP)

COURSE	TASK	DESCRIPTION	XP EARNED
Multivariable Calculus	Lesson	Repeated Integrals in Three Dimensions	21/17 XP
Multivariable Calculus	Review	The Shell Method: Rotation About the Y-Axis	10/8 XP
Multivariable Calculus	Review	The Gradient as a Normal Vector	7/5 XP
Multivariable Calculus	Review	Simulating Random Observations	6/4 XP

Thu, Apr 2nd, 2026 (10 XP)

COURSE	TASK	DESCRIPTION	XP EARNED
Multivariable Calculus	Lesson	Polar Coordinate Transformations	10/8 XP

Wed, Apr 1st, 2026 (60 XP)

COURSE	TASK	DESCRIPTION	XP EARNED
Multivariable Calculus	Lesson	Gradient Vector Fields	11/9 XP
Multivariable Calculus	Lesson	Line Integrals of Scalar Functions Over Ellipses	23/18 XP
Multivariable Calculus	Review	The Derivative of a Multivariable Function	6/4 XP
Multivariable Calculus	Review	Line Integrals of Scalar Functions Over Circles	6/4 XP
Multivariable Calculus	Quiz	Quiz 6	8/14 XP
Multivariable Calculus	Review	The Derivative of a Multivariable Function	6/4 XP

Tue, Mar 31st, 2026 (20 XP)

COURSE	TASK	DESCRIPTION	XP EARNED
Multivariable Calculus	Review	Visualizing Vector Fields	6/4 XP
Multivariable Calculus	Review	Line Integrals of Scalar Functions Over Circles	6/4 XP
Multivariable Calculus	Review	Velocity and Acceleration as Functions of Displacement	8/6 XP
Multivariable Calculus	Quiz	Quiz 6	0/15 XP

Mon, Mar 30th, 2026 (50 XP)

COURSE	TASK	DESCRIPTION	XP EARNED
Multivariable Calculus	Lesson	Line Integrals of Scalar Functions Over Paths Expressed as Functions of Y	13/13 XP
Multivariable Calculus	Multistep	Expansion Rates and Vorticity in Fluid Velocity Fields	2/11 XP

Multivariable Calculus	Review	Second-Degree Taylor Polynomials of Multivariable Functions	7/7 XP
Multivariable Calculus	Review	Surfaces in Cylindrical Polar Coordinates	6/4 XP
Multivariable Calculus	Review	Line Integrals of Vector-Valued Functions Over Parametric Curves	7/5 XP
Multivariable Calculus	Lesson	The Curl of a Vector Field	15/12 XP

Sun, Mar 29th, 2026 (15 XP)

COURSE	TASK	DESCRIPTION	XP EARNED
Multivariable Calculus	Review	Finding Areas Using the Cross Product	9/7 XP
Multivariable Calculus	Review	Conditional Variance for Continuous Random Variables	6/6 XP

Sat, Mar 28th, 2026 (4 XP)

COURSE	TASK	DESCRIPTION	XP EARNED
Multivariable Calculus	Review	Velocity and Acceleration as Functions of Displacement	4/6 XP

Fri, Mar 27th, 2026 (29 XP)

COURSE	TASK	DESCRIPTION	XP EARNED
Multivariable Calculus	Review	Limits and Continuity of Multivariable Functions	0/4 XP
Multivariable Calculus	Lesson	The Divergence of a Vector Field	10/8 XP
Multivariable Calculus	Review	Confidence Intervals for Two Means: Known and Unequal Population Variances	6/4 XP
Multivariable Calculus	Review	The Joint CDF of Two Continuous Random Variables	6/4 XP
Multivariable Calculus	Review	Selecting Procedures for Analyzing Infinite Series	7/5 XP

Thu, Mar 26th, 2026 (38 XP)

COURSE	TASK	DESCRIPTION	XP EARNED
Multivariable Calculus	Lesson	Visualizing Vector Fields	9/7 XP
Multivariable Calculus	Review	The Rule of the Lazy Statistician for Two Random Variables	8/6 XP
Multivariable Calculus	Review	The Inverse Function Theorem	6/4 XP
Multivariable Calculus	Review	The Singular Values of a Matrix	4/4 XP
Multivariable Calculus	Quiz	Quiz 5	11/15 XP

Wed, Mar 25th, 2026 (40 XP)

COURSE	TASK	DESCRIPTION	XP EARNED
Multivariable Calculus	Lesson	Line Integrals of Scalar Functions Over Circles	16/13 XP
Multivariable Calculus	Review	Extending Bayes' Theorem	8/6 XP
Multivariable Calculus	Review	Optimization Problems Involving Sectors of Circles	10/8 XP
Multivariable Calculus	Review	The Sample Covariance Matrix	6/4 XP

Tue, Mar 24th, 2026 (35 XP)

COURSE	TASK	DESCRIPTION	XP EARNED
Multivariable Calculus	Lesson	The Work-Energy Principle	23/18 XP
Multivariable Calculus	Review	The Area Bounded by Two Polar Curves	0/8 XP
Multivariable Calculus	Review	Type I and Type II Errors	6/4 XP
Multivariable Calculus	Review	Further Limits Involving the Exponential Function	6/4 XP

Mon, Mar 23rd, 2026 (51 XP)

COURSE	TASK	DESCRIPTION	XP EARNED
Multivariable Calculus	Lesson	Surface Integrals Over Parametric Surfaces	11/9 XP
Multivariable Calculus	Lesson	Vector Fields	9/7 XP
Multivariable Calculus	Quiz	Quiz 4	14/12 XP
Multivariable Calculus	Review	Joint Distributions for Continuous Random Variables	8/6 XP
Multivariable Calculus	Review	The Gradient as a Normal Vector	5/5 XP
Multivariable Calculus	Quiz	Quiz 4	4/14 XP

Sun, Mar 22nd, 2026 (35 XP)

COURSE	TASK	DESCRIPTION	XP EARNED
Multivariable Calculus	Review	Log-Likelihood Functions for Discrete Probability Distributions	6/4 XP
Multivariable Calculus	Lesson	Circular Motion About the Origin	11/9 XP
Multivariable Calculus	Review	Positive-Definite and Negative-Definite Quadratic Forms	6/4 XP
Multivariable Calculus	Review	Type I, II, and III Regions in Three-Dimensional Space	5/5 XP
Multivariable Calculus	Review	The Correlation Coefficient for Two Random Variables	7/5 XP

Sat, Mar 21st, 2026 (47 XP)

COURSE	TASK	DESCRIPTION	XP EARNED
Multivariable Calculus	Lesson	Velocity and Acceleration as Functions of Displacement	21/17 XP
Multivariable Calculus	Review	The Inverse of an Affine Transformation	7/5 XP
Multivariable Calculus	Review	Hypothesis Tests for One Mean: Unknown Population Variance	4/4 XP
Multivariable Calculus	Review	Log-Likelihood Functions for Continuous Probability Distributions	6/4 XP
Multivariable Calculus	Lesson	Properties of Line Integrals of Scalar Functions	9/7 XP

Fri, Mar 20th, 2026 (36 XP)

COURSE	TASK	DESCRIPTION	XP EARNED
Multivariable Calculus	Review	Surface Areas of Revolution for Parametric Curves	10/8 XP
Multivariable Calculus	Review	The Covariance Matrix	6/4 XP
Multivariable Calculus	Review	The Jacobian of a Three-Dimensional Transformation	5/5 XP
Multivariable Calculus	Lesson	Line Integrals of Scalar Functions Over Paths Expressed as Functions of X	15/12 XP

Thu, Mar 19th, 2026 (35 XP)

COURSE	TASK	DESCRIPTION	XP EARNED
Multivariable Calculus	Review	Point Estimates of Population Proportions	6/4 XP
Multivariable Calculus	Review	Type I, II, and III Regions in Three-Dimensional Space	0/5 XP
Multivariable Calculus	Review	Unit Tangent Vectors	7/5 XP
Multivariable Calculus	Review	Exponential Growth and Decay Models With First-Order ODEs: Calculating Unknown Times and Initial Values	4/4 XP
Multivariable Calculus	Quiz	Quiz 3	18/15 XP

Wed, Mar 18th, 2026 (32 XP)

COURSE	TASK	DESCRIPTION	XP EARNED
Multivariable Calculus	Lesson	Line Integrals of Vector-Valued Functions Over Parametric Curves	15/15 XP
Multivariable Calculus	Review	Outward-Pointing Unit Normal Vectors in 2D	4/4 XP
Multivariable Calculus	Review	Tangent Vectors and Tangent Lines to Curves	7/5 XP
Multivariable Calculus	Review	Confidence Intervals for One Variance	6/4 XP

Mon, Mar 16th, 2026 (40 XP)

COURSE	TASK	DESCRIPTION	XP EARNED
Multivariable Calculus	Lesson	Line Integrals of Scalar Functions	24/19 XP
Multivariable Calculus	Review	Upper Riemann Sums Over General Rectangular Partitions	6/4 XP
Multivariable Calculus	Review	Surface Areas of Revolution: Rotation About the Y-Axis	5/5 XP
Multivariable Calculus	Review	Identifying Quadric Surfaces	6/4 XP
Multivariable Calculus	Review	Limits and Continuity of Multivariable Functions	-1/4 XP
Multivariable Calculus	Review	The Multivariable Chain Rule in Vector Form	0/6 XP

Sun, Mar 15th, 2026 (55 XP)

COURSE	TASK	DESCRIPTION	XP EARNED
Multivariable Calculus	Lesson	The Arc Length of a Vector-Valued Function	21/17 XP
Multivariable Calculus	Multistep	Optimizing Multivariable Revenue Functions	11/9 XP
Multivariable Calculus	Review	Differentiation Rules for Vector-Valued Functions	7/5 XP
Multivariable Calculus	Review	Outward-Pointing Unit Normal Vectors in 2D	6/4 XP
Multivariable Calculus	Review	The Area Bounded by Two Polar Curves	10/8 XP

Sat, Mar 14th, 2026 (38 XP)

COURSE	TASK	DESCRIPTION	XP EARNED
Multivariable Calculus	Quiz	Quiz 2	18/15 XP
Multivariable Calculus	Lesson	The Second Partial Derivatives Test	20/16 XP

Fri, Mar 13th, 2026 (6 XP)

COURSE	TASK	DESCRIPTION	XP EARNED
Multivariable Calculus	Review	The Exponential Distribution	6/4 XP

Thu, Mar 12th, 2026 (32 XP)

COURSE	TASK	DESCRIPTION	XP EARNED
Multivariable Calculus	Review	Geometric Interpretations of Partial Derivatives	5/5 XP
Multivariable Calculus	Review	Defining Double Integrals Using Lower and Upper Riemann Sums	4/4 XP
Multivariable Calculus	Lesson	Outward-Pointing Unit Normal Vectors in 2D	9/7 XP
Multivariable Calculus	Review	Unit Tangent Vectors	7/5 XP
Multivariable Calculus	Review	Exponential Growth and Decay Models With First-Order ODEs: Calculating Unknown Times and Initial Values	4/4 XP
Multivariable Calculus	Supplemental		3/ XP

Wed, Mar 4th, 2026 (6 XP)

COURSE	TASK	DESCRIPTION	XP EARNED
Multivariable Calculus	Review	Directional Derivatives	6/6 XP
Multivariable Calculus	Review	Tangent and Normal Lines to Polar Curves	0/7 XP

Tue, Mar 3rd, 2026 (40 XP)

COURSE	TASK	DESCRIPTION	XP EARNED
Multivariable Calculus	Lesson	The Gradient as a Normal Vector	26/21 XP
Multivariable Calculus	Lesson	Unit Tangent Vectors	14/14 XP

Sun, Mar 1st, 2026 (43 XP)

COURSE	TASK	DESCRIPTION	XP EARNED
Multivariable Calculus	Quiz	Quiz 1	16/13 XP
Multivariable Calculus	Review	Jordan Canonical Decomposition of a 3x3 Matrix	8/6 XP
Multivariable Calculus	Review	The Four Fundamental Subspaces of a Matrix	4/4 XP
Multivariable Calculus	Review	The Norm of a Vector in Inner Product Spaces	6/4 XP
Multivariable Calculus	Quiz	Quiz 1	9/15 XP

Thu, Feb 26th, 2026 (7 XP)

COURSE	TASK	DESCRIPTION	XP EARNED
Multivariable Calculus	Review	The Total Area Bounded by a Single Polar Curve	7/5 XP

Wed, Feb 25th, 2026 (34 XP)

COURSE	TASK	DESCRIPTION	XP EARNED
Multivariable Calculus	Lesson	Nonlinear Transformations of Plane Regions	17/17 XP

Multivariable Calculus	Review	The Change-of-Variables Method for Continuous Random Variables	6/4 XP
Multivariable Calculus	Review	The Area Bounded by Two Polar Curves	5/5 XP
Multivariable Calculus	Review	Parametrizations of Ellipsoids and Cones	6/4 XP

Tue, Feb 24th, 2026 (34 XP)

COURSE	TASK	DESCRIPTION	XP EARNED
Multivariable Calculus	Lesson	Type I, II, and III Regions in Three-Dimensional Space	16/16 XP
Multivariable Calculus	Lesson	Moments and Center of Mass	18/14 XP

Sun, Feb 22nd, 2026 (45 XP)

COURSE	TASK	DESCRIPTION	XP EARNED
Multivariable Calculus	Lesson	Level Surfaces	9/7 XP
Multivariable Calculus	Lesson	Global vs. Local Extrema and Critical Points of Multivariable Functions	11/11 XP
Multivariable Calculus	Lesson	Differentiation Rules for Vector-Valued Functions	25/20 XP

Thu, Feb 12th, 2026 (10 XP)

COURSE	TASK	DESCRIPTION	XP EARNED
Multivariable Calculus	Placement		10/ XP

Notes:

1. Every learning task is assigned an XP (eXperience Point) value to signify the time required to successfully complete that task.
2. 1 XP is equivalent to 1 minute of focused effort (e.g. a 10 XP lesson should take roughly 10 minutes to complete)
3. The amount of XP awarded is based on the students' performance on that task, with additional "bonus" XP awarded if every question is answered correctly