

Date	Sec.	Topic	Important Dates	HW Due	EWA Time
Mon., 09/26		Syllabus and Introductions			
Tue., 09/27	12.1	Three-Dimensional Coordinate Systems			
Wed., 09/28	12.2	Vectors			
Thu., 09/29	12.3	The Dot Product		12.1 due	80
Fri., 09/30	12.4	The Cross Product		12.2 due	123
Mon., 10/03	12.5	Equations of Lines and Planes		12.3 due	86
Tue., 10/04	12.5	Equations of Lines and Planes		12.4 due	87
Wed., 10/05	12.6	Quadric Surfaces			
Thu., 10/06	10.1	Curves defined by Parametric Equations		12.5 due	231
Fri., 10/07	13.1	Vector Functions and Space Curves	Cru dinner, 10/4	12.6 due	25*
Mon., 10/10	10.2	Calculus with Parametric Curves		10.1 due	89
Tue., 10/11	10.2	Calculus with Parametric Curves			
Wed., 10/12		Review			
Thu., 10/13		<b>Test 1 (12.1 - 12.6, 10.1, and 13.1)</b>		13.1 due	51*
Fri., 10/14		No Class - Professional Day		10.2 due	176
Mon., 10/17	13.2	Derivatives and Integrals of Vector Functions			
Tue., 10/18	10.3	Polar Coordinates			
Wed., 10/19	10.3	Polar Coordinates		13.2 due	132
Thu., 10/20	10.4	Area and Lengths in Polar Coordinates			
Fri., 10/21	10.4	Area and Lengths in Polar Coordinates		10.3 due	108
Mon., 10/24	13.3	Arc Length and Curvature			
Tue., 10/25	13.3	Arc Length and Curvature		10.4 due	144
Wed., 10/26	13.3	Arc Length and Curvature			
Thu., 10/27	13.4	Motion in Space			
Fri., 10/28		TNB Bicycle Exercise		13.3 due	198
Mon., 10/31		TNB Bicycle Exercise		13.4 due	92
Tue., 11/01	11.1	Sequences			
Wed., 11/02	11.1	Sequences			
Thu., 11/03		Review			
Fri., 11/04		<b>Test 2 (10.2 - 4 and 13.2 - 4)</b>			
Mon., 11/07	11.2	Series		11.1 due	77*
Tue., 11/08	11.2	Series			
Wed., 11/09		Historical background of Infinite Series			
Thu., 11/10	11.3	The Integral Test and Estimates of Sums	Movie Night	11.2 due	119*
Fri., 11/11		No Class - Veteran's Day			
Mon., 11/14	11.4	The Comparison Tests			
Tue., 11/15	11.4	The Comparison Tests		11.3 due	70*
Wed., 11/16	11.5	Alternating Series			
Thu., 11/17	11.6	Abs. Convergence and the Ratio and Root Tests		11.4 due	61*
Fri., 11/18	11.6	Abs. Convergence and the Ratio and Root Tests		11.5 due	35*
Mon., 11/21	11.7	Strategy for Testing Series			
Tue., 11/22		Review		11.6 due	36*
Wed., 11/23		<b>Test 3 (10.1 - 11.7)</b>		11.7 due	43*
Thu., 11/24		No Class - Thanksgiving Weekend			
Fri., 11/25		No Class - Thanksgiving Weekend			
Mon., 11/28	11.8	Power Series			
Tue., 11/29	11.9	Representations of Functions as Power Series			
Wed., 11/30	11.9	Representations of Functions as Power Series		11.8 due	101
Thu., 12/01	11.10	Taylor and Maclaurin Series			
Fri., 12/02	11.10	Taylor and Maclaurin Series		11.9 due	161
Mon., 12/05	11.11	Applications of Taylor Polynomials			
Tue., 12/06	11.11	Applications of Taylor Polynomials		11.10 due	121
Wed., 12/07	13.4	Kepler's Laws			
Thu., 12/08	13.4	Kepler's Laws			
Fri., 12/09		Review			
Mon., 12/12		Review	Last Day of Class		
Tue., 12/13		<b>Final Exam</b>	10 - 11:50am	11.11 due	95