

Jan 16, 2012 Text: <i>HHG "Calculus: Multivariable" Fifth Edition</i>	Jan 17, 2012 <i>Functions of Two Variables  Section 12.1</i>	Jan 19, 2012 <i>Graphs of Functions of Two Variables  Section 12.2</i>	Jan 23, 2012 <i>Contour Diagrams  Section 12.3</i>	Jan 24, 2012 <i>Linear Functions  Section 12.4</i>	Jan 26, 2012 <i>Functions of Three Variables  Section 12.5</i>
Jan 30, 2012 <i>Limits and Continuity  Section 12.6</i>	Jan 31, 2012 <i>Displacement Vectors Vectors in General  Sections 13.1-13.2</i>	Feb 2, 2012 <i>The Dot Product  Section 13.3</i>	Feb 6, 2012 <i>Review for Exam 1  Sections 12.1-13.3</i>	Feb 7, 2012 <i>Exam 1 Functions  Sections 12.1-13.3</i>	Feb 9, 2012 <i>The Cross Product  Section 13.4</i>
Feb 13, 2012 <i>Partial Derivatives Computing Partial Sections 14.1-14.2</i>	Feb 14, 2012 <i>Local Linearity and the Differential  Section 14.3</i>	Feb 16, 2012 <i>Gradients, Directional Derivatives Section 14.4</i>	Feb 20, 2012 <i>Gradients, Directional Derivatives Section 14.5</i>	Feb 21, 2012 <i>The Chain Rule  Section 14.6</i>	Feb 23, 2012 <i>Second-Order Partial Derivatives, Differentiability Sections 14.7-14.8</i>
Feb 27, 2012 <i>Local Extrema  Section 15.1</i>	Feb 28, 2012 <i>Optimization  Section 15.2</i>	Mar 1, 2012 <i>Review for Exam 2  Sections 13.4-15.2</i>	Mar 5, 2012 <i>Exam 2 Differentiation Mid-Semester Sections 13.4-15.2</i>	Mar 6, 2012 <i>Unconstrained Optimization Lagrange Multipliers  Section 15.3</i>	Mar 8, 2012 <i>The Definite Integral, Iterated Integrals  Sections 16.1-16.2</i>
Mar 12, 2012 <i>Triple Integrals, Double Integrals in Polar Coordinates Sections 16.3-16.4</i>	Mar 13, 2012 <i>Applications of Integration to Probability Sections 16.5-16.6</i>	Mar 15, 2012 <i>Spring Break</i>	Mar 19, 2012 <i>Spring Break</i>	Mar 20, 2012 <i>Spring Break</i>	Mar 22, 2012 <i>Spring Break</i>
Mar 26, 2012 <i>Change of Variables in a Multiple Integral  Section 16.7</i>	Mar 27, 2012 <i>Parameterized Curves Motion, Velocity, and Acceleration Section 17.1-17.2</i>	Mar 29, 2012 <i>Vector Fields Flow of a Vector Field  Sections 17.3-17.4</i>	Apr 2, 2012 <i>Parameterized Surface  Section 17.5</i>	Apr 3, 2012 <i>Line Integral Parameterized Curves  Sections 18.1-18.2</i>	Apr 5, 2012 <i>Review for Exam 3  Sections 15.3-18.2</i>
Apr 9, 2012 <i>Exam 3 Applications of Differentiation Sections 15.3-18.2</i>	Apr 10, 2012 <i>Gradient Fields  Section 18.3</i>	Apr 12, 2012 <i>Green's Theorem  Section 18.4</i>	Apr 16, 2012 <i>Flux Integrals  Section 19.1</i>	Apr 17, 2012 <i>Flux Integrals  Section 19.2</i>	Apr 19, 2012 <i>Parameterized Surface  Section 19.3</i>
Apr 23, 2012 <i>Divergence  Section 20.1</i>	Apr 24, 2012 <i>Divergence Theorem  Section 20.2</i>	Apr 26, 2012 <i>Curl  Section 20.3</i>	Apr 30, 2012 <i>Stokes' Theorem  Section 20.4</i>	May 1, 2012 <i>The Three Fundamental Theorems  Section 20.5</i>	Text: <i>HHG "Calculus: Multivariable" Fifth Edition</i>
May 5 (Saturday) <i>Final Exam Saturday, 9:00-11:00 am  Sections 12.1-20.5</i>	<i>Math 207 Calculus III TTh 11:00-12:15 M 13:00-14:15 Parrish, Spring 2012</i>				
<i>Grading Scheme:</i>					<i>points exams 60 points homework 20 points final exam 20 points total: 100 points</i>