

Tentative Schedule: Math 213 Fall 2013

| Day | Date | Section |
|----------|-------------------|--|
| F | 8/30/2013 | 12.1 Functions of Two Variables |
| M | 9/2/2013 | 12.2 Graphs of Functions of Two Variables |
| W | 9/4/2013 | 12.3 Contour Diagrams |
| F | 9/6/2013 | 12.4 Linear Functions |
| M | 9/9/2013 | 12.6 Limits and Continuity |
| W | 9/11/2013 | 12.6 Limits and Continuity |
| F | 9/13/2013 | 13.1, 13.2 Displacement Vectors, Vectors in General |
| M | 9/16/2013 | 13.3, 13.4 Dot Product, Cross Product |
| W | 9/18/2013 | 13.3, 13.4 Dot Product, Cross Product |
| F | 9/20/2013 | 13.1-13.4 Vector Review |
| M | 9/23/2013 | 14.1-14.2 Partial Derivatives |
| W | 9/25/2013 | 14.3 Local Linearity and the Differential |
| F | 9/27/2013 | Review |
| M | 9/30/2013 | Exam 1 |
| W | 10/2/2013 | 14.4 Gradients and Directional Derivatives |
| F | 10/4/2013 | 14.4 Gradients and Directional Derivatives |
| M | 10/7/2013 | 17.1 Parametrized Curves |
| W | 10/9/2013 | 14.6 The Chain Rule |
| F | 10/11/2013 | October Break |
| M | 10/14/2013 | 14.7 Second-Order Partial Derivatives |
| W | 10/16/2013 | 14.8 Differentiability |
| F | 10/18/2013 | 15.1 Local Extrema |
| M | 10/21/2013 | 15.2 Optimization |
| W | 10/23/2013 | 15.3 Lagrange Multipliers |
| F | 10/25/2013 | 15.3 Lagrange Multipliers |
| M | 10/28/2013 | Review |
| W | 10/30/2013 | Exam 2 |
| F | 11/1/2013 | 16.1 The Definite Integral of a Function of Two Variables |
| M | 11/4/2013 | 16.2 Iterated Integrals |
| W | 11/6/2013 | 16.3 Triple Integrals |
| F | 11/8/2013 | 16.2, 16.3 Double and Triple Integrals |
| M | 11/11/2013 | 16.4 Double Integrals in Polar Coordinates |
| W | 11/13/2013 | 16.5 Integrals in Cylindrical and Spherical Coordinates |
| F | 11/15/2013 | 16.5 Integrals in Cylindrical and Spherical Coordinates |
| M | 11/18/2013 | Review |
| W | 11/20/2013 | Exam 3 |
| F | 11/22/2013 | 17.1, 17.2 Parametrized Curves, Motion, Velocity, and Acceleration |
| MWF | 11/25 -- 11/29 | Thanksgiving Break |
| M | 12/2/2013 | 17.2 Motion, Velocity, and Acceleration |
| W | 12/4/2013 | 17.3, 17.4 Vector Fields and Flow Lines |
| F | 12/6/2013 | 18.1 The Idea of a Line Integral |
| M | 12/9/2013 | 18.2 Computing Line Integrals |
| W | 12/11/2013 | 18.3, 18.4 Gradient Fields and Path-Independent Fields |
| F | 12/13/2013 | Review |
| T | 12/17/2013 | Final Exam 6:30-9:30pm (Section 1) |
| R | 12/19/2013 | Final Exam 8:30-11:30am (Section 2) |