

# Tentative Course Schedule, Math 114-03/05, Spring 2014

| <b>Mon</b>                                                | <b>Wed</b>                                             | <b>Fri</b>                                                                                  |
|-----------------------------------------------------------|--------------------------------------------------------|---------------------------------------------------------------------------------------------|
| Feb 3, 2014                                               | Feb 5, 2014                                            | Feb 7, 2014                                                                                 |
| Intro to course;<br>Review substitution                   | 7.1 IBP<br><b>Quiz 1A1: Trig</b>                       | 7.2 Trig Integrals<br><b>Quiz 1A2: Derivatives</b><br><i>Last day to add w/o permission</i> |
| Feb 10, 2014                                              | Feb 12, 2014                                           | Feb 14, 2014                                                                                |
| 7.3 Trig Substitution<br><b>Quiz 1A3: Antiderivatives</b> | 7.4 Partial Fractions<br><b>Quiz 1A4: Substitution</b> | 7.5 Strategies for Integration<br><b>Quiz 1B</b><br><i>Last day to drop w/o notation</i>    |
| Feb 17, 2014                                              | Feb 19, 2014                                           | Feb 21, 2014                                                                                |
| 7.7 Numerical Integration                                 | 7.8 Improper Integrals                                 | 7.8 Comparison Test for Improper Integrals                                                  |
| Feb 24, 2014                                              | Feb 26, 2014                                           | Feb 28, 2014                                                                                |
| 6.1 Area between Curves<br><b>Quiz 2 (Integration)</b>    | 6.2 Volumes (slices)                                   | 6.3 Volumes (shells)                                                                        |
| Mar 3, 2014                                               | Mar 5, 2014                                            | Mar 7, 2014                                                                                 |
| Open                                                      | <b>Exam 1</b>                                          | 6.5 Average Value                                                                           |
| Mar 10, 2014                                              | Mar 12, 2014                                           | Mar 14, 2014                                                                                |
| 9.1 Intro to DE's                                         | 9.2 Euler's Method                                     | 9.3 Separable DE's                                                                          |
| Mar 17, 2014                                              | Mar 19, 2014                                           | Mar 21, 2014                                                                                |
| Student Presentations of Application Examples             | Student Presentations of Application Examples          | 10.1 Parametric Equations                                                                   |
| Mar 24, 2014                                              | Mar 26, 2014                                           | Mar 28, 2014                                                                                |
| Spring Break                                              | Spring Break                                           | Spring Break                                                                                |
| Mar 31, 2014                                              | Apr 2, 2014                                            | Apr 4, 2014                                                                                 |
| 10.2 Parametric Calculus                                  | 10.3 Polar Coordinates                                 | 10.4 Polar Areas and Length                                                                 |
| Apr 7, 2014                                               | Apr 9, 2014                                            | Apr 11, 2014                                                                                |
| 11.1 Sequences                                            | Open                                                   | <b>Exam 2</b>                                                                               |
| Apr 14, 2014                                              | Apr 16, 2014                                           | Apr 18, 2014                                                                                |
| 11.2 Series                                               | 11.3 Integral Test                                     | Good Friday                                                                                 |
| Apr 21, 2014                                              | Apr 23, 2014                                           | Apr 25, 2014                                                                                |
| Easter Monday                                             | 11.4 Comparison Tests<br><i>Last day to withdraw</i>   | 11.4 Comparison Tests                                                                       |
| Apr 28, 2014                                              | Apr 30, 2014                                           | May 2, 2014                                                                                 |
| 11.5 Alternating Series Test                              | 11.6 Absolute Convergence                              | Student Presentations of Series Examples                                                    |
| May 5, 2014                                               | May 7, 2014                                            | May 9, 2014                                                                                 |
| <b>Quiz 3 (Series)</b>                                    | 11.8 Power Series                                      | 11.9 Function as P.S.                                                                       |
| May 12, 2014                                              | May 14, 2014                                           | May 16, 2014                                                                                |
| 11.9 Function as P.S.                                     | 11.10 Taylor Series                                    | Open                                                                                        |

**Final Exam: Thursday May 22, 1:30-3:30 pm**