

Math 113-01/02, Spring 2015, Tentative Semester Plan

| Mon | Wed | Fri |
|---|---|---|
| Feb 2, 2015 | Feb 4, 2015 | Feb 6, 2015 |
| Intro and overview | Review Familiar Functions (Ch 1, App D) | Review Composition and Inversion of Functions Quiz 1A1 (Alg/exp fcns) |
| Feb 9, 2015 | Feb 11, 2015 | Feb 13, 2015 |
| Approximating Slopes (2.1) Quiz 1A2 (Trig fcns) | Limits (2.2) Quiz 1A3 (Logs) | Evaluating Limits (2.3) Quiz 1A4 (Inv trig fcns) <i>Last day to drop w/o W</i> |
| Feb 16, 2015 | Feb 18, 2015 | Feb 20, 2015 |
| Continuity (2.5) Quiz 1A5 (Composing fcns) | Continuity (2.5) | Quiz 1B Rates & Derivatives (2.7) |
| Feb 23, 2015 | Feb 25, 2015 | Feb 27, 2015 |
| Rates & Derivatives (2.7) | Derivative functions (2.8) | Quiz 2 (Ch 2) |
| Mar 2, 2015 | Mar 4, 2015 | Mar 6, 2015 |
| Limits at Infinity (2.6) | Basic Differentiation (3.1) | Product and Quotient Rules (3.2) |
| Mar 9, 2015 | Mar 11, 2015 | Mar 13, 2015 |
| Derivative of trig functions (3.3) | Chain Rule (3.4) | Derivatives of inv. fcns. (3.5-3.6) |
| Mar 16, 2015 | Mar 18, 2015 | Mar 20, 2015 |
| Practice Differentiation (3.1-3.6) | Quiz 3: Gateway | Implicit Differentiation and Logarithmic Differentiation (3.5, 3.6) |
| Mar 23, 2015 | Mar 25, 2015 | Mar 27, 2015 |
| Linear Approximation; Differentials (3.10) | Exam 1 (Ch 2, 3) | Antiderivatives (4.9) |
| Mar 30, 2015 | Apr 1, 2015 | Apr 3, 2015 |
| Spring Break | Spring Break | Spring Break |
| Apr 6, 2015 | Apr 8, 2015 | Apr 10, 2015 |
| Easter Monday | Student Presentations of Applications (3.7, 3.8, 3.9) | Student Presentations of Applications (3.7, 3.8, 3.9) |
| Apr 13, 2015 | Apr 15, 2015 | Apr 17, 2015 |
| Intro to max/min (4.1A) | More on max/min (4.1B) MVT (4.2) | Shape of graph (4.3) |
| Apr 20, 2015 | Apr 22, 2015 | Apr 24, 2015 |
| Student Presentations of Applications (4.7) | Student Presentations of Applications (4.7) | LH (4.4) <i>Last day to withdraw</i> |
| Apr 27, 2015 | Apr 29, 2015 | May 1, 2015 |
| Sketching graphs (4.5, 4.6) | Accumulated change (5.1) | The Definite Integral (5.2) |
| May 4, 2015 | May 6, 2015 | May 8, 2015 |
| FTC (5.3) | Open | Exam 2 (Ch 4, 5.1-5.3) |
| May 11, 2015 | May 13, 2015 | May 15, 2015 |
| Indefinite Integrals and Net Change (5.4) | Substitution (5.5) | Open Last day of classes |