| Day | Date | Section | Section Topic | Week |
| :---: | :---: | :---: | :---: | :---: |
| M | 01/10/11 | 1.1, 1.2 | Equations in one variable, formulas, equations and graphs in two variables, linear equations | 1 |
| W | 01/12/11 | 1.2, 1.3 |  |  |
| F | 01/14/11 | 1.3, 1.4 |  |  |
| M | 01/17/11 |  | MLK Day | 2 |
| W | 01/19/11 | 1.6 | Quadratic equations, linear equations and solving equations involving absolute value. |  |
| F | 01/21/11 | 1.7 |  |  |
| M | 01/24/11 |  | Extra | 3 |
| W | 01/26/11 |  | Extra |  |
| F | 01/28/11 |  | Chapter 1 Test |  |
| M | 01/31/11 | 2.1, 2.2 | Functions, graphs | 4 |
| W | 02/02/11 | 2.2, 2.3 | Graphs, basic function families, transformations |  |
| F | 02/04/11 |  | Conversation Day. No Classes |  |
| M | 02/07/11 | 2.3 | Basic functions and not-so-basic functions by transforming basic functions. | 5 |
| W | 02/09/11 | 2.3, 2.4 | Operations (addition, subtraction, multiplication, division, composition). |  |
| F | 02/11/11 | 2.5, 2.6 | Inverse functions, variation. |  |
| M | 02/14/11 |  | Extra | 6 |
| W | 02/16/11 |  | Chapter 2 Test |  |
| F | 02/18/11 | 3.1, 3.2 | Quadratic functions and inequalities, zeros of polynomial functions, theory of equations. |  |
| M | 02/21/11 | 3.2, 3.3 |  | 7 |
| W | 02/23/11 | 3.3 |  |  |
| F | 02/25/11 | 3.4, 3.5 | Miscellaneous equations, graphs of polynomial functions, rational functions and inequalities |  |
| M | 02/28/11 | 3.5, 3.6 |  | 8 |
| W | 03/02/11 | 3.6 |  |  |
| F | 03/04/11 |  | Extra |  |
| M | 03/07/11 |  | Extra | 9 |
| W | 03/09/11 |  | Chapter 3 Test |  |
| F | 03/11/11 | 4.1 | Exponential functions and their graphs. |  |
| M | 03/14/11 | Spring Break |  |  |
| W | 03/16/11 |  |  |  |
| F | 03/18/11 |  |  |  |
| M | 03/21/11 | 4.1, 4.2 |  | 10 |
| W | 03/23/11 | 4.2 | Logarithmic functions, rules of logarithms, exponential |  |
| F | 03/25/11 | 4.3, 4.4 | and logarithmic equations. |  |
| M | 03/28/11 | 4.4 |  | 11 |
| W | 03/30/11 |  | Extra |  |
| F | 04/01/11 |  | Chapter 4 Test |  |
| M | 04/04/11 | 5.1, 5.2 | Systems of linear equations in two and three variables, systems of nonlinear equations. | 12 |
| W | 04/06/11 | 5.2, 5.3 |  |  |
| F | 04/08/11 | 5.3, 5.5 | Inequalities, systems of inequalities, solving systems of linear equations with matrices, multiplying matrices. |  |
| M | 04/11/11 | 6.1 |  | 13 |
| W | 04/13/11 | 6.1, 6.2 |  |  |
| F | 04/15/11 |  | Extra |  |
| M | 04/18/11 |  | Chapter 5 and 6 Test | 14 |
| W | 04/20/11 | 8.1, 8.2 | Sequences, series |  |
| F | 04/22/11 | 8.2, 8.3 | Geometric sequences and series |  |
| M | 04/25/11 | 8.3, 8.4 | Geometric series, permutations | 15 |
| W | 04/27/11 | 8.5 | Combinations and Binomial Theorem |  |
| F | 04/29/11 |  | Extra |  |
| W | 05/04/11 |  | Final Exam, 8:10-10:00 a.m.* | 16 |

