## Spring Semester 2015

| SECTION | TOPIC | DATE |
| :---: | :---: | :---: |
| Review | F\&P 10 Review | Jan 29 |
| Chapter 1 | Sequences and Series |  |
| Sec. 1.1 | Arithmetic Sequences | Feb 1 |
| Sec. 1.2 | Arithmetic Series | Feb 2 |
| Sec. 1.3 | Geometric Sequences | Feb 3 |
| Sec. 1.4 | Geometric Series | Feb 4 |
| Sec. 1.5 | Infinite Geometric Series | Feb 5 |
| Review |  | Feb 10 |
| Review |  | Feb 11 |
| Test Chapter 1 |  | Feb 12 |
| Chapter 2 | Trigonometry |  |
| Sec. 2.1 | Angles in Standard Position Part I | Feb 15 |
| Sec. 2.1 | Angles in Standard Position Part II | Feb 16 |
| Sec. 2.2 | Trigonometric Ratios of Any Angle Part I | Feb 17 |
| Sec. 2.2 | Trigonometric Ratios of Any Angle Part II | Feb 18 |
| Sec. 2.3 | The Sine Law | Feb 22 |
| Sec. 2.3 | The Sine Law (Ambiguous Case) | Feb 23 |
| Sec. 2.4 | The Cosine law | Feb 24 |
| Review |  | Feb 25 |
| Review |  | Feb 26 |
| Test Chapter 2 |  | Feb 29 |
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| Chapter 3 | Quadratic Functions |  |
| Sec. 3.1 | Quadratic Functions in Vertex Form Part I | Mar 1 |
| Sec. 3.1 | Quadratic Functions in Vertex Form Part II | Mar 2 (half day) |
| Sec. 3.1 | Quadratic Functions in Vertex Form Part III | Mar 3 |
| Sec. 3.2 | Quadratic Functions in Standard Form | Mar 4 |
| Sec. 3.3 | Completing the Square Part I | Mar 7 |
|  | Word Problems | Mar 8 |
| Review |  | Mar 9 |
| Review |  | Mar 10 |
| Test Chapter 3 |  | Mar 11 |
|  | BREAK! |  |


| Chapter 4 | Quadratic Functions |  |
| :---: | :---: | :---: |
| Sec. 4.1 | Graphical Solutions of Quadratic Equations | Mar 29 |
| Sec. 4.2 | Factoring Quadratic Equations Part I | Mar 30 |
| Sec. 4.2 | Factoring Quadratic Equations Part II | Mar 31 |
| Sec. 4.3 | Solving Quadratic Equations by Completing the Square Part I | Apr 1 |
| Sec. 4.3 | Solving Quadratic Equations by Completing the Square Part II | Apr 4 |
| Sec. 4.4 | The Quadratic Formula | Apr 5 |
| Review |  | Apr 6 |
| Test Chapter 4 |  | Apr 7 |
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| Chapter 5 | Radical expressions and Equations |  |
| Sec. 5.1 | Working with Radicals | Apr 8 (half day) |
| Sec. 5.2 | Multiplying and Dividing Radical Expressions | Apr 11 |
| Sec. 5.3 | Radical Equations Part I | Apr 12 |
| Sec. 5.3 | Radical Equations Part II | Apr 13 |
| Review |  | Apr 14 |
| Test Chapter 5 |  | Apr 15 |
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| Chapter 6 | Rational Expressions |  |
| Sec. 6.1 | Rational Expressions | Apr 18 |
| Sec. 6.2 | Multiplying and Dividing Rational Expressions | Apr 19 |
| Sec. 6.3 | Adding and Subtracting Rational Expressions | Apr 20 |
| Sec. 6.4 | Solving Rational Expressions Part I | Apr 21 |
| Sec. 6.4 | Solving Rational Expressions Part II | Apr 22 |
| Review |  | Apr 25 |
| Review |  | Apr 26 (half day) |
| Test Chapter 6 |  | Apr 27 |
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| Chapter 7 | Absolute Value and Reciprocal Functions |  |
| Sec. 7.1 | Absolute Value | Apr 28 |
| Sec. 7.2 | Absolute Value Functions | Apr 29 |
| Sec. 7.3 | Solving Absolute Value Equations (Graphing) | May 2 |
| Sec. 7.3 | Solving Absolute Value Equations (Algebra) | May 3 |
| Sec. 7.4 | Solving Reciprocal Value Equations (Graphing) | May 4 |


| Sec. 7.4 | Solving Reciprocal Value Equations (Algebra) | May 5 |
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| Review |  | May 6 |
| Review |  | May 9 |
| Chapter 7 Test |  | May 10 |
| Chapter 8 | Systems of Equations | 8 periods |
| Sec. 8.1 | Solving Systems of Equations Graphically Part I | May 11 |
| Sec. 8.1 | Solving Systems of Equations Graphically Part II | May 12 |
| Sec. 8.2 | Solving Systems of Equations Algebraically Part I | May 13 |
| Sec. 8.2 | Solving Systems of Equations Algebraically Part II | May 16 |
| Sec. 8.2 | Solving Systems of Equations Algebraically Part III | May 17 |
| Review |  | May 18 |
| Review |  | May 19 |
| Chapter 8 Test |  | May 20 |
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| Chapter 9 | Linear and Quadratic Inequalities | 7 periods |
| Sec. 9.1 | Linear Inequalities in two Variables Part I | May 25 |
| Sec. 9.1 | Linear Inequalities in two Variables Part II | May 26 |
| Sec. 9.2 | Quadratic Inequalities in one Variables Part I | May 27 |
| Sec. 9.3 | Quadratic Inequalities in two Variables Part I | May 30 |
| Sec. 9.3 | Quadratic Inequalities in two Variables Part II | May 31 |
| Review |  | Jun 1 |
| Chapter 8 Test |  | Jun 2 |
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|  | REVIEW X 13 |  |
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