

10007 Spring 2011

This part of the course uses – Math 10023 textbook.

<p>Monday, January 10 Review Basic Factoring Techniques Sec 0.1 Introduction to Rational Functions Sec 1.1</p>		<p>Wednesday, January 12 Zeros and Asymptotes Sec1.2</p>	
<p>Monday, January 17 MLK Jr. Day No Classes</p>		<p>Wednesday, January 19 Simplification of Rational Expressions Sect 1.3 Multiplying and Dividing Rational Expressions Sec1.4</p>	
<p>Monday, January 24 Adding and Subtracting Rational Expressions Sec 1.5</p>		<p>Wednesday, January 26 Rational Equations Sec 1.6 Applications of Rational Equations Sec 1.7</p>	
<p>Monday, January 31 Applications of Rational Equations Sec 1.7 Review</p>		<p>Wednesday, February 2 Review Exam 01 - Sec 1.1-1.7 20% of Grade</p>	
<p>Monday, February 7 Introduction, Factoring by Grouping Sec 2.1/2.2 Special Binomial Forms Sec 2.3</p>		<p>Wednesday, February 9 Quadratic Form Sec 2.4 Quadratic Functions –Definition, Notation, Indep/Dep Variables Sec 3.1/3.2</p>	
<p>Monday, February 14 Applications of Quad Functions Sec 3.2 Reading the Graphs Sec 3.2</p>		<p>Wednesday, February 16 Solving Quadratics by Completing the Square Sec 3.3 Solving Quadratics by Quadratic Formula Sec 3.4</p>	
<p>Monday, February 21 Max and Min Values Sec 3.5</p>		<p>Wednesday, February 23 Quadratic Inequalities Sec 3.6 Equations Reducible to Quadratic Form Sec 3.7</p>	
<p>Monday, February 28 Equations Reducible to Quadratic Form Sec 3.7 Review</p>		<p>Wednesday, March 2 Departmental Mid-term Exam Comprehensive Over Math 10023 Book 20% of Grade</p>	<p>First 8 weeks ends on Mar. 2, 2011 and 2nd 8 weeks starts on Mar. 3, 2011</p>

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<p>Monday, March 7 1.1 Factoring GCF</p> <p>1.2 Factoring Binomial Common Factors</p>		<p>Wednesday, March 9 1.3 Absolute Value Equations</p> <p>1.4 Radical Equations</p>	
<p>Monday, March 14</p> <p>2.1 Exponential Growth: Compound Interest</p> <p>2.2 Exponential Decay: Population</p>		<p>Wednesday, March 16</p> <p>2.3 Graphs of Exponential Functions</p> <p>2.4 Continuous Growth and Decay</p>	
<p>Monday, March 21</p> <p>Spring Break No Classes</p>		<p>Wednesday, March 23</p> <p>Spring Break No Classes</p>	
<p>Monday, March 28</p> <p>2.5 Solving Exponential Equations</p>		<p>Wednesday, March 30</p> <p>Review</p>	
<p>Monday, April 4</p> <p>Exam 03 Sec 1.1-1.4, 2.1-2.5 20% of Grade</p>		<p>Wednesday, April 6</p> <p>3.1 Introduction to Logs</p> <p>3.2 Evaluating Logs with Different Bases</p>	
<p>Monday, April 11</p> <p>3.3 The Natural Log Function</p> <p>3.4 Graphs and Domains of Log Functions</p>		<p>Wednesday, April 13</p> <p>3.5 Solving Log Equations</p>	
<p>Monday, April 18</p> <p>4.1 Graphs of Simple Rational Function</p>		<p>Wednesday, April 20</p> <p>4.2 Rational Functions: More about Asymptotes</p>	
<p>Monday, April 25</p> <p>4.3 Different Forms of a Rational Function</p>		<p>Wednesday, April 27</p> <p>Review</p>	
<p>Departmental Final Exam Comprehensive over Math 10023 & Math 10024 Books 30% of Grade</p>		<p>Finals will be given on the Finals Week. Check the finals schedule.</p>	