

**Math 125**  
**January 14 – May 6, 2015**  
**(MWF)**

Monday	Tuesday	Wednesday	Thursday	Friday
		<i>Jan 14</i> 1.1-Functions and Change <b>First day of classes</b>	<i>Jan 15</i>	<i>Jan 16</i> 1.2-Exponential Functions
<i>Jan 19</i> <b>Martin Luther King, Jr. Day – No School</b>	<i>Jan 20</i>	<i>Jan 21</i> 1.3-New Functions from Old	<i>Jan 22</i>	<i>Jan 23</i> 1.4-Logarithmic Functions
<i>Jan 26</i> 1.5-Trigonometric Functions	<i>Jan 27</i>	<i>Jan 28</i> 1.6-Powers, Polynomials, and Rational Functions  <b>Last Day to Drop with Deletion from Record</b>	<i>Jan 29</i>	<i>Jan 30</i> 1.7-Introduction to Continuity
<i>Feb 2</i> 1.8-Limits	<i>Feb 3</i>	<i>Feb 4</i> <b>EXAM 1</b>	<i>Feb 5</i>	<i>Feb 6</i> 2.1-How Do We Measure Speed?
<i>Feb 9</i> 2.2-The Derivative at a Point	<i>Feb 10</i>  <b>Last Day to Apply for GRO</b>	<i>Feb 11</i> 2.3-The Derivative Function	<i>Feb 12</i>	<i>Feb 13</i> 2.4-Interpretations of the Derivative
<i>Feb 16</i> 2.5-The Second Derivative	<i>Feb 17</i>	<i>Feb 18</i> 2.6-Differentiability	<i>Feb 19</i>	<i>Feb 20</i> 3.1-Powers and Polynomials
<i>Feb 23</i> 3.2-The Exponential Function	<i>Feb 24</i>	<i>Feb 25</i> 3.3-The Product and Quotient Rules	<i>Feb 26</i>	<i>Feb 27</i> 3.4-The Chain Rule
<i>Mar 2</i> 3.5-The Trigonometric Functions	<i>Mar 3</i>	<i>Mar 4</i> <b>EXAM 2</b>	<i>Mar 5</i>	<i>Mar 6</i> 3.6-The Chain Rule and Inverse Functions
<i>Mar 9</i> 3.7-Implicit Functions	<i>Mar 10</i>	<i>Mar 11</i> 3.8-Hyperbolic Functions 3.9-Linear Approximations	<i>Mar 12</i>	<i>Mar 13</i> 3.10-Theorems About Differentiable Functions

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<i>Mar 16</i>	<i>Mar 17</i>	<i>Mar 18</i>	<i>Mar 19</i>	<i>Mar 20</i>
<b>S p r i n g      B r e a k</b>				
<i>Mar 23</i> 4.1-Using First and Second Derivatives	<i>Mar 24</i>	<i>Mar 25</i> 4.1-Continued 4.2-Optimization	<i>Mar 26</i>	<i>Mar 27</i> 4.2-Continued
<i>Mar 30</i> 4.3-Optimization and Modeling	<i>Mar 31</i>  <b>Last Day to Withdraw Using UAccess</b>	<i>Apr 1</i> 4.3-Continued 4.4-Families of Functions and Modeling	<i>Apr 2</i>	<i>Apr 3</i> 4.4-Continued
<i>Apr 6</i> <b>EXAM 3</b>	<i>Apr 7</i>	<i>Apr 8</i> 4.6-Rates and Related Rates	<i>Apr 9</i>	<i>Apr 10</i> 4.7-L'Hopital's Rule, Growth, and Dominance
<i>Apr 13</i> 5.1-How Do We Measured Distance Traveled 5.2-The Definite Integral	<i>Apr 14</i>	<i>Apr 15</i> 5.3-The Fundamental Theorem and Interpretations	<i>Apr 16</i>	<i>Apr 17</i> 5.4-Theorems About Definite Integrals
<i>Apr 20</i> 6.1-Antiderivatives Graphically and Numerically	<i>Apr 21</i>	<i>Apr 22</i> 6.2-Constructing Antiderivatives Analytically	<i>Apr 23</i>	<i>Apr 24</i> 6.3-Differential Equations and Motion
<i>Apr 27</i> 6.4-Second Fundamental Theorem of Calculus	<i>Apr 28</i>	<i>Apr 29</i> 7.1-Integration by Substitution	<i>Apr 30</i>	<i>May 1</i> <b>EXAM 4</b>
<i>May 4</i> Review	<i>May 5</i>	<i>May 6</i> Review  <b>Last day of classes</b>	<i>May 7</i>	<i>May 8</i>
<i>May 11</i> <b>FINAL EXAM</b> <b>1:00-3:00 pm</b>	<i>May 12</i>	<i>May 13</i>	<i>May 14</i>	<i>May 15</i>