

# Math 122B

## September 19 – December 11, 2013

(MTWRF)

Monday	Tuesday	Wednesday	Thursday	Friday
<i>Sep 16</i>	<i>Sep 17</i>	<i>Sep 18</i>	<i>Sep 19</i>  1.8 Part B-Limits (algebraic)  First Day of Class	<i>Sep 20</i>  1.8 Part B-Limits (algebraic)
<i>Sep 23</i>  2.1-How Do We Measure Speed?	<i>Sep 24</i>  2.1-How Do We Measure Speed? 2.2-The Derivative at a Point	<i>Sep 25</i>  2.2-The Derivative at a Point 2.3-The Derivative Function	<i>Sep 26</i>  2.3-The Derivative Function	<i>Sep 27</i>  2.4-Interpretations of the Derivative
<i>Sep 30</i>  2.4-Interpretations of the Derivative 2.5-The Second Derivative	<i>Oct 1</i>  2.5-The Second Derivative	<i>Oct 2</i>  2.6-Differentiability	<i>Oct 3</i>  2.6-Differentiability	<i>Oct 4</i>  3.1-Powers and Polynomials
<i>Oct 7</i>  3.2-The Exponential Function	<i>Oct 8</i>  3.2-The Exponential Function  Review	<i>Oct 9</i>  <b>EXAM 1</b>	<i>Oct 10</i>  3.3-The Product and Quotient Rules  Last day to drop using UAccess, GRO	<i>Oct 11</i>  3.3-The Product and Quotient Rules
<i>Oct 14</i>  3.4-The Chain Rule	<i>Oct 15</i>  3.4-The Chain Rule	<i>Oct 16</i>  3.5-The Trigonometric Functions	<i>Oct 17</i>  3.6-The Chain Rule and Inverse Functions	<i>Oct 18</i>  3.6-The Chain Rule and Inverse Functions  Honors Convocation
<i>Oct 21</i>  3.7-Implicit Functions	<i>Oct 22</i>  3.7-Implicit Functions 3.8-Hyperbolic Functions	<i>Oct 23</i>  3.9-Linear Approximations and the Derivative	<i>Oct 24</i>  3.10-Theorems About Differentiable Functions	<i>Oct 25</i>  4.1-Using First and Second Derivatives
<i>Oct 28</i>  4.1- Using First and Second Derivatives	<i>Oct 29</i>  Review  Last day to withdraw with instructor's signature	<i>Oct 30</i>  <b>EXAM 2</b>	<i>Oct 31</i>  4.2-Optimization	<i>Nov 1</i>  4.2-Optimization

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Monday	Tuesday	Wednesday	Thursday	Friday
<i>Nov 4</i> 4.3-Optimization and Modeling	<i>Nov 5</i> 4.3-Optimization and Modeling	<i>Nov 6</i> 4.4-Families of Functions and Modeling	<i>Nov 7</i> 4.4-Families of Functions and Modeling	<i>Nov 8</i> 4.6-Rates and Related Rates
<i>Nov 11</i> Veteran's Day No Classes	<i>Nov 12</i> 4.6-Rates and Related Rates	<i>Nov 13</i> 4.7-L'Hopital's Rule, Growth, and Dominance	<i>Nov 14</i> 4.7- L'Hopital's Rule, Growth, and Dominance	<i>Nov 15</i> Review
<i>Nov 18</i> <b>EXAM 3</b>	<i>Nov 19</i> 5.1-How Do We Measured Distance Traveled	<i>Nov 20</i> 5.2-The Definite Integral	<i>Nov 21</i> 5.3-The Fundamental Theorem and Interpretations	<i>Nov 22</i> 5.3-The Fundamental Theorem and Interpretations 5.4-Theorems About Definite Integrals
<i>Nov 25</i> 5.4- Theorems About Definite Integrals	<i>Nov 26</i> 6.1-Antiderivatives Graphically and Numerically	<i>Nov 27</i> 6.2-Constructing Antiderivatives Analytically	<i>Nov 28</i> Thanksgiving Recess	<i>Nov 29</i> Thanksgiving Recess
<i>Dec 2</i> 6.3-Differential Equations and Motion	<i>Dec 3</i> 6.4-Second Fundamental Theorem of Calculus	<i>Dec 4</i> 6.4-Second Fundamental Theorem of Calculus 7.1-Integration by Substitution	<i>Dec 5</i> Review	<i>Dec 6</i> <b>EXAM 4</b>
<i>Dec 9</i> 7.1-Integration by Substitution	<i>Dec 10</i> Review	<i>Dec 11</i> Review  Last Day of Class	<i>Dec 12</i>	<i>Dec 13</i>
<i>Dec 16</i> <b>Final Exam 1:00-3:00 pm</b>	<i>Dec 17</i>	<i>Dec 18</i>	<i>Dec 19</i>	<i>Dec 20</i>