

**Math 122B**  
**September 12 – December 5, 2018**  
(MTWRF)

<b>Monday</b>	<b>Tuesday</b>	<b>Wednesday</b>	<b>Thursday</b>	<b>Friday</b>
<i>Sep 10</i>	<i>Sep 11</i>	<i>Sep 12</i> Introduction  2.1-How Do We Measure Speed?	<i>Sep 13</i> 2.1-continued 2.2-The Derivative at a Point	<i>Sep 14</i> 2.2-continued
<i>Sep 17</i> 2.3-The Derivative Function	<i>Sep 18</i> 2.4-Interpretations of the Derivative	<i>Sep 19</i> 2.4-continued	<i>Sep 20</i> 2.5-The Second Derivative	<i>Sep 21</i> 2.5-continued  <b>Last day to drop with deletion from record (Sept 22)</b>
<i>Sep 24</i> 2.6-Differentiability	<i>Sep 25</i> 2.6-continued	<i>Sep 26</i> 3.1-Powers and Polynomials	<i>Sep 27</i> 3.2-The Exponential Function	<i>Sep 28</i> Review
<i>Oct 1</i> <b>EXAM 1</b>	<i>Oct 2</i> 3.3-The Product and Quotient Rules	<i>Oct 3</i> 3.3-continued  <b>Last day to apply for GRO</b>	<i>Oct 4</i> 3.4-The Chain Rule	<i>Oct 5</i> 3.4- continued  Honors Convocation 3:30-5pm
<i>Oct 8</i> 3.5-The Trigonometric Functions	<i>Oct 9</i> 3.6-The Chain Rule and Inverse Functions	<i>Oct 10</i> 3.6- continued	<i>Oct 11</i> 3.7-Implicit Functions	<i>Oct 12</i> 3.7- continued
<i>Oct 15</i> 3.9-Linear Approximations	<i>Oct 16</i> 4.1-Using First and Second Derivatives	<i>Oct 17</i> 4.1- continued	<i>Oct 18</i> Review	<i>Oct 19</i> <b>EXAM 2</b>
<i>Oct 22</i> 4.2-Optimization	<i>Oct 23</i> 4.2- continued	<i>Oct 24</i> 4.3-Optimization and Modeling	<i>Oct 25</i> 4.3-Continued	<i>Oct 26</i> 4.4-Families of Functions and Modeling

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<i>Oct 29</i> 4.4-Continued	<i>Oct 30</i> 4.6-Rates and Related Rates	<i>Oct 31</i> 4.6- continued	<i>Nov 1</i> 4.7-L'Hopital's Rule, Growth, and Dominance	<i>Nov 2</i> 4.7- continued  <b>Last day to withdraw with W (Nov 4)</b>
<i>Nov 5</i> Review	<i>Nov 6</i> <b>EXAM 3</b>	<i>Nov 7</i> 5.1-How Do We Measured Distance Traveled	<i>Nov 8</i> 5.2-The Definite Integral	<i>Nov 9</i> 5.3-The Fundamental Theorem and Interpretations
<i>Nov 12</i> <b>Veteran's Day No Classes</b>	<i>Nov 13</i> 5.3- continued 5.4-Theorems About Definite Integrals	<i>Nov 14</i> 5.4- continued	<i>Nov 15</i> 6.1-Antiderivatives Graphically and Numerically	<i>Nov 16</i> 6.1- continued
<i>Nov 19</i> 6.2-Constructing Antiderivatives Analytically	<i>Nov 20</i> 6.2- continued	<i>Nov 21</i> 6.3-Differential Equations and Motion	<i>Nov 22</i> <b>Thanksgiving No Classes</b>	<i>Nov 23</i> <b>Thanksgiving No Classes</b>
<i>Nov 26</i> 6.4-Second Fundamental Theorem of Calculus OR 7.1-Integration by Substitution	<i>Nov 27</i> 6.4- continued OR 7.1-continued	<i>Nov 28</i> Review	<i>Nov 29</i> <b>EXAM 4</b>	<i>Nov 30</i> 7.1-Integration by Substitution OR 6.4-Second Fundamental Theorem of Calculus
<i>Dec 3</i> 7.1- continued OR 6.4-continued	<i>Dec 4</i> Review	<i>Dec 5</i> Review	<i>Dec 6</i>	<i>Dec 7</i>
<i>Dec 10</i>	<i>Dec 11</i> <b>FINAL EXAM 1:00-3:00 pm</b>	<i>Dec 12</i>	<i>Dec 13</i>	<i>Dec 14</i>