## Math – 122B February 6 – May 2, 2018 ( MTWR )

| Monday                                                         | Tuesday                                                       | Wednesday                                      | Thursday                                       | Friday                                                     |
|----------------------------------------------------------------|---------------------------------------------------------------|------------------------------------------------|------------------------------------------------|------------------------------------------------------------|
| Feb 5                                                          | Feb 6 Introduction 2.1-How Do We Measure Speed?               | Feb 7 2.1-cont'd 2.2-The Derivative at a Point | Feb 8 2.2-cont'd 2.3-The Derivative Function   | Feb 9                                                      |
| Feb 12 2.3-cont'd 2.4-Interpretations of the Derivative        | Feb 13 2.4-cont'd 2.5-The Second Derivative                   | Feb 14 2.5-cont'd 2.6-Differentiability        | Feb 15<br>2.6-cont'd                           | Feb 16  Last Day to Drop with Deletion from Record         |
| Feb 19 3.1-Powers and Polynomials 3.2-The Exponential Function | Feb 20<br>3.2-cont'd<br>3.3-The Product and<br>Quotient Rules | Feb 21<br>3.3-cont'd                           | Feb 22<br>3.4-The Chain Rule                   | Feb 23                                                     |
| Feb 26<br>3.4-cont'd<br>Review                                 | Feb 27 EXAM 1  Last Day to Apply for GRO                      | Feb 28 3.5-The Trigonometric Functions         | Mar 1 3.6-The Chain Rule and Inverse Functions | Mar 2                                                      |
| Mar 5                                                          | Mar 6<br>S p r i                                              | Mar 7 n g B r                                  | Mar 8 e a k                                    | Mar 9                                                      |
| Mar 12 3.7-Implicit Functions                                  | Mar 13 3.7- cont'd 3.9-Linear Approximations                  | Mar 14 4.1-Using First and Second Derivatives  | Mar 15<br>4.1- cont'd                          | Mar 16                                                     |
| Mar 19<br>4.2-Optimization                                     | Mar 20<br>4.2-cont'd                                          | Mar 21 4.3-Optimization and Modeling           | Mar 22<br>4.3- cont'd                          | Mar 23                                                     |
| Mar 26 4.4-Families of Functions and Modeling                  | Mar 27<br>4.4-cont'd                                          | Mar 28<br>4.4-cont'd<br>Review                 | Mar 29<br><b>EXAM 2</b>                        | Mar 30  Last Day to Withdraw With W Using UAccess March 31 |

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| Monday                                                            | Tuesday                                   | Wednesday                                              | Thursday                                                 | Friday |
|-------------------------------------------------------------------|-------------------------------------------|--------------------------------------------------------|----------------------------------------------------------|--------|
| Apr 2 4.6-Rates and Related Rates                                 | <i>Apr 3</i><br>4.6-cont'd                | Apr 4 4.7-L'Hopital's Rule, Growth, and Dominance      | Apr 5<br>4.7-cont'd                                      | Apr 6  |
| Apr 9 5.1-How Do We Measured Distance Traveled                    | Apr 10 5.2-The Definite Integral          | Apr 11 5.3-The Fundamental Theorem and Interpretations | Apr 12 5.3- cont'd 5.4-Theorems About Definite Integrals | Apr 13 |
| Apr 16 5.4-cont'd 6.1-Antiderivatives Graphically and Numerically | <i>Apr 17</i><br>6.1-cont'd               | Apr 18 6.2-Constructing Antiderivatives Analytically   | Apr 19 6.3-Differential Equations and Motion             | Apr 20 |
| Apr 23 6.4-Second Fundamental Theorem of Calculus                 | Apr 24 7.1-Integration by Substitution    | Apr 25<br>7.1- cont'd<br>Review                        | Apr 26<br>EXAM 3                                         | Apr 27 |
| Apr 30 Review No exams may be given                               | May 1<br>Review                           | May 2<br>Review                                        | May 3                                                    | May 4  |
| during this week.                                                 |                                           | Last day of classes                                    |                                                          |        |
| May 7                                                             | May 8 FINAL EXAM 1:00-3:00 pm (rooms TBA) | May 9                                                  | May 10                                                   | May 11 |