**Math 122B**

**September 12 – December 5, 2018**

(MTWRF)-----(tentative schedule)

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| Monday | **Tuesday** | **Wednesday** | **Thursday** | **Friday** |
| Sep 10 | *Sep 11*  | *Sep 12*Introduction2.1-How Do We Measure Speed? | *Sep 13*2.1-continued 2.2-The Derivative at a Point | Sep 142.2-continued |
| Sep 172.3-The Derivative Function | Sep 18 2.4-Interpretations of the Derivative | Sep 192.4-continued | Sep 20 2.5-The Second Derivative | Sep 212.5-continued**Last day to drop with deletion from record (Sept 22)** |
| Sep 242.6-Differentiability | Sep 252.6-continued  | Sep 263.1-Powers and Polynomials | Sep 273.2-The Exponential Function  | Sep 28Review |
| Oct 1**EXAM 1** | Oct 23.3-The Product and Quotient Rules  | Oct 33.3-continued**Last day to apply for GRO** | Oct 43.4-The Chain Rule  | Oct 53.4- continuedHonors Convocation3:30-5pm |
| Oct 83.5-The Trigonometric Functions | Oct 9 3.6-The Chain Rule and Inverse Functions | Oct 103.6- continued | Oct 113.7-Implicit Functions | Oct 123.7- continued |
| Oct 153.9-Linear Approximations | Oct 164.1-Using First and Second Derivatives | Oct 174.1- continued | Oct 18 Review | Oct 19**EXAM 2** |
| Oct 224.2-Optimization | Oct 234.2- continued | Oct 244.3-Optimization and Modeling | Oct 254.3-Continued | Oct 264.4-Families of Functions and Modeling |

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| Oct 294.4-Continued  | Oct 304.6-Rates and Related Rates | Oct 314.6- continued | Nov 14.7-L’Hopital’s Rule, Growth, and Dominance | Nov 24.7- continued**Last day to withdraw with W** **(Nov 4)** |
| Nov 5Review | Nov 6**EXAM 3** | Nov 75.1-How Do We Measured Distance Traveled | Nov 85.2-The Definite Integral | Nov 95.3-The Fundamental Theorem and Interpretations |
| Nov 12**Veteran’s Day****No Classes** | Nov 135.3- continued5.4-Theorems About Definite Integrals | Nov 145.4- continued | Nov 156.1-Antiderivatives Graphically and Numerically | Nov 166.1- continued |
| Nov 196.2-Constructing Antiderivatives Analytically | Nov 20 6.2- continued | Nov 216.3-Differential Equations and Motion | Nov 22 **Thanksgiving** **No Classes** | Nov 23**Thanksgiving** **No Classes** |
| Nov 266.4-Second Fundamental Theorem of Calculus | Nov 276.4- continued  | Nov 287.1-Integration by Substitution | Nov 29 Review | Nov 30**EXAM 4** |
| Dec 37.1- continued | Dec 4 Review | Dec 5Review | Dec 6  | Dec 7 |
| Dec 10 | Dec 11**FINAL EXAM****1:00-3:00 pm**  | Dec 12 | Dec 13 | Dec 14 |