**Math 122B**

**September 18 – December 11, 2019**

(MTWRF)

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| --- | --- | --- | --- | --- |
| Monday | **Tuesday** | **Wednesday** | **Thursday** | **Friday** |
|  |  | *Sep 18*  Introduction  2.1-How Do We Measure Speed? | *Sep 19*  2.1-continued | Sep 20 2.2-The Derivative at a Point |
| Sep 23 2.2-continued  2.3-The Derivative Function | Sep 24 2.3-The Derivative Function | Sep 25 2.4-Interpretations of the Derivative | Sep 26 2.5-The Second Derivative | Sep 27 2.5-continued  2.6-Differentiability  **Last day to drop with deletion from record using UAccess** |
| Sep30 2.6-continued | Oct 1 Review | Oct 2 **EXAM 1** | Oct 3 3.1-Powers and Polynomials | Oct 4 3.2-The Exponential Function |
| Oct 7 3.2 continued | Oct 8 3.3-The Product and Quotient Rules | Oct 9 3.3-continued  3.4-The Chain Rule  **Last day to apply for GRO** | Oct 10 3.4-The Chain Rule continued | Oct 11 3.5-The Trigonometric Functions |
| Oct 14 3.6-The Chain Rule and Inverse Functions | Oct 15 3.6- continued | Oct 16 3.7-Implicit Functions | Oct 171 3.7- continued | Oct 18 3.9-Linear Approximations  3.10-Theorems About Differentiable Functions |
| Oct 21 Review | Oct 22 **EXAM 2** | Oct 23 4.1-Using First and Second Derivatives | Oct 24 4.1- continued  4.2-Optimization | Oct 25 4.2- continued |
| Oct 28 4.3-Optimization and Modeling | Oct 29 4.3-Continued | Oct 30 4.3-Continued | Oct 31 4.3-Continued  Come to the mathematics building and get candy. | Nov 1 4.4-Families of Functions and Modeling |

**Sep 28 - Last day to drop with deletion from record using UAccess**

**Oct 9 - Last day to file for GRO**

**Oct 11 - Honors Convocation 3:00-5:00**

**Nov 10 - Last day to withdraw with W using UAccess**

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| Monday | **Tuesday** | **Wednesday** | **Thursday** | **Friday** |
| Nov 4 4.4-Continued | Nov 5 4.6-Rates and Related Rates | Nov 6 4.6- continued | Nov 7 4.7-L’Hopital’s Rule, Growth, and Dominance | Nov 8 4.7- continued  **Last day to withdraw with W using UAccess –** |
| Nov 11 **Veteran’s Day**  **No Classes** | Nov 12 **Ch 4**  **Review** | Nov 13 **EXAM 3** | Nov 14 5.1-How Do We Measured Distance Traveled | Nov 15 5.2-The Definite Integral |
| Nov 18 5.3-The Fundamental Theorem and Interpretations | Nov 19 5.3- continued | Nov 20 5.4-Theorems About Definite Integrals | Nov 21 5.4- continued | Nov 22 Review of Chapter 5 |
| Nov 25 6.1-Antiderivatives Graphically and Numerically | Nov 26 6.2-Constructing Antiderivatives Analytically | Nov 27 6.2- continued | Nov 28 **Thanksgiving**  **No Classes** | Nov 29 **Thanksgiving**  **No Classes** |
| Dec 2 6.3-Differential Equations and Motion | Dec 3 6.3- continued  6.4-Second Fundamental Theorem of Calculus | Dec 4 6.4- continued | Dec 5Review | Dec 6 **EXAM 4** |
| Dec 9 7.1-Integration by Substitution | Dec 10 7.1- continued | Dec 11 Finish the course | Dec 12 | Dec 13 |
| Dec 16 | Dec 17 **FINAL EXAM**  **1:00-3:00 pm** | Dec 18 | Dec 19 Grades should be posted. | Dec 20 |

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