## Material for Exam $1 \quad$ Spring 2014

| Date | Day | Exma 1 |  |
| :---: | :---: | :---: | :---: |
| 1/20/14 | Monday | MLK day - No Classes |  |
| 1/21/14 | Tuesday | Syllabus |  |
| 1/22/14 | Wednesday | 1.1 | A Preview of Calculus |
| 1/23/14 | Thursday | 1.2 | Finding Limits Graphically and Numerically |
| 1/27/14 | Monday | Quiz/Study Groups |  |
| 1/28/14 | Tuesday | 1.2 | Finding Limits Graphically and Numerically |
| 1/29/14 | Wednesday | 1.3 | Evaluating Limits Analytically |
| 1/30/14 | Thursday | 1.4 | Continuity and One-Sided Limits |
| 2/3/14 | Monday | Quiz/Study Groups |  |
| 2/4/14 | Tuesday | 1.5 | Infinite Limits |
| 2/5/14 | Wednesday | 2.1 | The Derivative and the Tangent Line Problem |
| 2/6/14 | Thursday | 2.2 | Basic Differentiation Rules of Change |
| 2/10/14 | Monday | Quiz/Study Groups |  |
| 2/11/14 | Tuesday | 2.3 | Product and Quotient Rules and Higher-Order Derivatives |
| 2/12/14 | Wednesday | 2.3 | Product and Quotient Rules and Higher-Order Derivatives |
| 2/13/14 | Thursday | 2.4 | The Chain Rule |
| 2/17/14 | Monday | Quiz/Study Groups |  |
| 2/18/14 | Tuesday | 2.4 | The Chain Rule |
| 2/19/14 | Wednesday | 2.5 | Implicit Differentiation |
| 2/20/14 | Thursday | Exam 1 |  |
| Feb. 28 | Test Out Exam $\quad$ Library 204A Online Testing <br> You must start your exam three hours before the Library closes.  |  |  |
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Material for Exam $2 \quad$ Spring 2014

| Date | Day | Exam 2 | Related Rates |  |
| :---: | :---: | :---: | :---: | :---: |
| $2 / 24 / 14$ | Monday | 2.6 | Related Rates |  |
| $2 / 25 / 14$ | Tuesday | 2.6 | Extrema on an Interval |  |
| $2 / 26 / 14$ | Wednesday | 3.1 | Rolle's Theorem and the Mean Value Theorem |  |
| $2 / 27 / 14$ | Thursday | 3.2 |  |  |
| $2 / 28 / 14$ | Friday | Retake Exams for Exam 1 |  |  |
| $3 / 3 / 14$ | Monday | Quiz/Study Groups |  |  |
| $3 / 4 / 14$ | Tuesday | 3.3 | Increasing and Decreasing Functions \& First Derivative Test |  |
| $3 / 5 / 14$ | Wednesday | 3.4 | Concavity and the Second Derivative Test |  |
| $3 / 6 / 14$ | Thursday | 3.5 | Limits at Infinity |  |
| $3 / 10 / 14$ | $3 / 14 / 14$ | No Classes | Spring Break |  |
| $3 / 17 / 14$ | Monday | Quiz/Study Groups | A summary of Curve Sketching |  |
| $3 / 18 / 14$ | Tuesday | 3.6 | Optimization Problems |  |
| $3 / 19 / 14$ | Wednesday | 3.7 | Optimization Problems |  |
| $3 / 20 / 14$ | Thursday | 3.7 | Newton's Method |  |
| $3 / 24 / 14$ | Monday | Quiz/Study Groups |  |  |
| $3 / 25 / 14$ | Tuesday | 3.8 | Antiderivatives and Indefinite Integration |  |
| $3 / 26 / 14$ | Wednesday | 4.1 |  |  |
| $3 / 27 / 14$ | Thursday | Review |  |  |
|  |  |  |  |  |
| $3 / 31 / 14$ | Monday | No classes |  |  |


| $4 / 1 / 14$ | Tuesday | Exam 2 |  |  |
| :---: | :---: | :---: | :---: | :---: |
| $4 / 2 / 14$ | Wednesday | 4.2 | Area |  |
| $4 / 3 / 14$ | Thursday | 4.3 | Antiderivatives and Indefinite Integration/Area |  |
| $4 / 4 / 14$ | Friday | drop date | Last day to drop class with a W |  |
| Apr. 11 | Retake Exam |  |  |  |
|  | You must start your exam three hours before the Library closes. |  |  |  |

## Material for Exam 3 Spring 2014

| Date | Day | Exam 3 |  |
| :---: | :---: | :---: | :---: |
| 4/7/14 | Monday | Quiz/Study Groups |  |
| 4/8/14 | Tuesday | 4.3 | Riemann Sums and Definite Integrals - not on exam 2 |
| 4/9/14 | Wednesday | 4.4 | The Fundamental Theorem of Calculus |
| 4/10/14 | Thursday | 4.5 | Integration by Substitution |
| 4/11/14 | Friday | Retake Exams for Exam 2 |  |
| 4/14/14 | Monday | Quiz/Study Groups |  |
| 4/15/14 | Tuesday | 4.6 | Numerical Integration |
| 4/16/14 | Wednesday | 5.1 | The Natural Logarithmic Function: Differentiation |
| 4/17/14 | Thursday | 5.2 | The Natural Logarithmic Function: Integration |
|  |  |  |  |
| 4/21/14 | Monday | Quiz/Study Groups |  |
| 4/22/14 | Tuesday | 5.3 | Inverse Functions |
| 4/23/14 | Wednesday | 5.4 | Exponential Functions: Differentiation and Integration |
| 4/24/14 | Thursday | 5.4 | Exponential Functions: Differentiation and Integration |
|  |  |  |  |
| 4/28/14 | Monday | Quiz/Study Groups |  |
| 4/29/14 | Tuesday | 5.5 | Bases other than e and Applications |
| 4/30/14 | Wednesday | 5.6 | Inverse Trigonometric Functions: Differentiation |
| 5/1/14 | Thursday | 5.7 | Inverse Trigonometric Functions: Integration |
|  |  |  |  |
| 5/5/14 | Monday | Quiz/Study Groups |  |
| 5/6/14 | Tuesday | 5.8 | Hyperbolic Functions |
| 5/7/14 | Wednesday | Exam 3 |  |
| 5/8/14 | Thursday | REVIEW |  |
| 5/9/14 | Friday | No Classes - Dead Day |  |
|  |  |  |  |
| 5/12/14 | Monday | 8:30 Classes: 10:00AM - 12:45PM in your regular classroom |  |
| 5/13/14 | Tuesday | 12:00 Classes: 1:00PM - 3:45PM in your regular classroom |  |
| 5/14/14 | Wednesday | 1:30 Classes: 4:00PM - 6:45 PM in your regular classroom |  |
| 5/15/14 | Thursday | 10:30 Classes: 10:00AM - 12:45PM in your regular classroom |  |
|  |  |  |  |
| Evening classes following the final Exam Schedule in the course catalog. |  |  |  |
| 13-May | $\begin{array}{lcc}\text { Retake Exam } 3 & \text { Library 204A } & \text { Online Testing } \\ \text { You must start your exam three hours before the Library closes. }\end{array}$ |  |  |
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