Calculus 12

Topic: Pre-Calculus Review

Functions, graphs and limits: Functions and their graphs

The Derivative: Concept and Interpretations

The Derivative: Computing Derivatives

Applications of Derivatives: Derivatives and the Graph of the functions

Application of Derivatives: Applied problems

Anti-differentiation: Recovering functions from their Derivatives.

Anti-differentiation: Application of Anti-differentiation.

Evaluation: Unit Tests 80%

Daily Quizzes 10%

Assignments 10%

Term 1: 80%

Final Exam: 20%

An assignment will be given for each unit. Assignments are marked for correctness, clarity, and completeness. In case of excused absence, assignments will be marked up to the day of the test. Once a test is written, assignments for the chapter will no longer be marked.

Unit test marks are final; there are no retests!

Material Required for Class

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| Required Every Class | Required Occasionally |
| * 2 pencils (no erasable pens) * good eraser * Math textbook * 3-ring binder with loose-leaf paper * Red pen for marking work * A ruler (unbroken) | * Graphing paper (always have some in your binder) * Pencil crayons |