

AP Calculus BC Syllabus

Mr. Groller and Ms. Layton

sgrolle@hartdistrict.org , blayton@hartdistrict.org

A. Assignments

1. Assignments are due at the beginning of the next class period, unless otherwise instructed. Assignments should always show all work – justify your answer.
2. No more than one late assignment, at most one day late, will be accepted per quarter
3. If you are absent for excused reasons, you will have the same number of days to make up the assignment as you were absent.
4. Regular assignments will be graded by the teacher, earning 2, 1, or 0 points. No assignment will result in a loss of 1 point. Late assignments will earn one point less than they would have earned if not late.

B. Tests

1. Any talking, looking onto someone else's paper, or cheating will result in a grade of 0 %. Failure to turn in a test or testing materials will result in a grade of 0%.
2. Calculators will be allowed on parts of the test as instructed.
3. Make-up tests are to be completed as quickly as possible.

C. Expectations

1. This class is a college level class. Your behavior and the course requirements will be treated as it would in a college level class.
2. It is your responsibility to keep up, as calculus moves rather rapidly.
3. Plan on spending an hour or more on assignments every night.
4. A graphing calculator will be required, as will a notebook. Be sure you learn how to use your graphing calculator.
5. The AP exam, given in May, is a requirement for AP credit.
6. Extra help will be available during specified help hours. Take advantage of these opportunities.

D. Grading

1. Grading scale:

A	100-85%
B	84-73%
C	72-60%
D	59-45%
F	44-0%
2. Weighting:

Tests and/or quizzes – 80% to 90% of the grade
Assignments, notebook, extra credit – 10% to 20% of the grade

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Course Outline

Text: Calculus (Early Transcendentals), 5th ed., by James Stewart

This course will introduce the following topics:

1. Limits and continuity
2. Derivatives
3. Applications of derivatives
4. Integration
5. Applications of integration
6. Differential equations
7. Techniques of integration
8. Calculus involving parametric, polar and vector functions
9. Sequences and series