Course Description:
This course follows the College Board's Advanced Placement syllabus for Calculus BC, which includes functions, graphs, limits, derivatives, integrals, polynomial approximations, and series.

Instructional Philosophy
Every student is capable of scoring a passing grade on both the AB and BC portion of the AP test. The content of this class is difficult, but will be presented in an approachable and applicable way.

Major Units of Study
I. Limits
II. Derivatives
III. Integrals and the Fundamental Theorem of Calculus
IV. Series


Course Expectations
• Work in and out of class to complete all coursework to a standard that each student is proud of.
• Come to class with questions and seek help when struggling.

Class Rules and Expectations:
• Students will come to class prepared to learn with materials needed for class.
• Student will show respect for their peers, instructor, and environment.
• Students will complete individual assignments as individuals and group assignments as groups.

Assessment
• Course grades will be determined by planned assessments such as tests, quizzes, homework, reflections, and projects scored with rubrics.
• Semester Finals will be cumulative. These will each have a multiplier of 4. Students will be exempt from the second semester final if they take the AP Calculus Test. If you sign up for the AP exam and do not take it, you need to immediately notify me and take the 2nd semester final.
OPS Secondary Grading Practices
All coursework and assessments are judged based on the level of student learning from “below basic” to “advanced.” This course will provide multiple opportunities to achieve at the “proficient” to “advanced” levels. Students are evaluated based on a proficiency scale or project rubric.

There are two types of coursework
- Formative (35% of the final grade) – Homework, In-class assignments, Quizzes.
  Homework and in-class assignments will be given daily and are graded on performance. Writing the answers from the back of the text book is not completing your homework and will receive a score of a zero. Homework questions will be addressed periodically and on review days. Students need to be current with their homework in order to best utilize that time. Homework will be due for each chapter on the day of the chapter test. Quizzes will be given a few times a month. Students will be given notice to when these will occur. Students will be given chances to retake quizzes when necessary.

- Summative (65% of the final grade) – Tests, Culminating Tasks
  Tests will be given at the end of units. Students will be given test dates a week or so in advance. Tests will be cumulative in nature. Culminating Tasks will be given at different times throughout the year. These assessments are project-based.

OPS Grading Scale
A 3.26 – 4.00
B 2.51 – 3.25
C 1.76 – 2.50
D 1.01 – 1.75
F 0.00 – 1.00

Missing Coursework: Coursework not turned in at all will be recorded as an M for missing which calculates to a score of zero. Homework will not be accepted after the day of the test. If you miss a test day, you must bring in your homework the next class period.

Redoing/Revising Coursework: Students may be allowed redos and revisions of coursework for full credit during that unit of study based upon the teacher’s professional judgment and evidence collected throughout the unit. Scores for student work after retaking, revision or redoing work will not be averaged with the first attempt at coursework or assessment, but will replace the original student score. Students may only retake an exam if they have completed all coursework for the unit.

Late Coursework: Students are expected to complete coursework on time. Late coursework may be accepted for full credit until the end of the unit based on the teacher’s professional judgment and evidence collected throughout the unit. Accepted late work will not result in a reduction, and the M (missing) will be replaced with the score earned by the student. The teacher or school may make exceptions depending up on student circumstances (such as prolonged absences due to illness).

Weighting Assignments (Using a Multiplier): When entering grades in the grade book, teachers may assign greater weight to some assignments. For example, the final exam may impact a student’s summative grade more than a unit test. Teachers will have the option use the multiplier to weight both formative and summative assessments to a maximum of 4. If a weight of 2 or more is applied to an assessment, this information will be communicated to students at the time the assessment is announced.

Academic Integrity: Students involved in allowing coursework to be copied or copying other’s coursework will receive a grade of zero. There will be no opportunity to redo any coursework in which a student is caught cheating.