1. **Course Overview**: Calculus AB is a full-year course in the calculus of functions of a single variable. The course is intended for students who have already studied college-preparatory mathematics; algebra, geometry, trigonometry, analytic geometry, and elementary functions (linear, polynomial, and rational; exponential and logarithmic; trigonometric and inverse trigonometric; and piecewise).

2. **Major Units of Instruction**: I. Functions, Graphs, and Limits (analysis of graphs, limits of functions including one-sided limits, asymptotic and unbounded behavior, continuity as a property of functions) II. Derivatives (concept of the derivative, derivative at a point, derivative as a function, second derivatives, applications of derivatives, computation of derivatives) III. Integrals (Riemann sums, interpretations and properties of definite integrals, applications of integrals, Fundamental Theorem of Calculus, techniques of antidifferentiation, applications of antidifferentiation, numerical approximations to definite integrals)

3. **Attendance**: Students are expected to be in class unless it is unavoidable. It is each student’s responsibility to get notes and homework from any missed classes. Students are responsible for bringing in a Stuyvesant absence form immediately upon their return to class. Please refer to the school’s policies on what constitutes an “excused absence.”

4. **Tutoring**: Please take advantage of tutoring opportunities at Stuyvesant. Bring to tutoring all materials needed for topic review, including class notes, worksheets, past tests, and any other relevant materials.

5. **Report Card Grades**: Students are responsible for knowing the dates regarding tests, the end of all marking periods, parent-teacher conferences, and any tutoring sessions. Based on department policy, report card grades will be based on the following:

<table>
<thead>
<tr>
<th></th>
<th>Marking Period 1</th>
<th>Marking Period 2</th>
<th>Marking Period 3</th>
</tr>
</thead>
<tbody>
<tr>
<td>Homework/Classwork/Participation</td>
<td>25%</td>
<td>25%</td>
<td>25%</td>
</tr>
<tr>
<td>Assessments (Tests, Quizzes, Projects, etc.)</td>
<td>75%</td>
<td>75%</td>
<td>75%</td>
</tr>
</tbody>
</table>

There will be a minimum of 2 full-period assessments per marking period based on the lessons, class work, and homework. These assessments will be announced at least one week before the test date.

6. **Academic Honesty**: Stuyvesant’s students are expected to uphold the highest standards at all times. Failure to adhere to school policy will result in academic and/or disciplinary consequences. Please see the policy at the link below:


Your signature below indicates that you have read and agree to the terms and policies outlined in this class contract.

______________________________  ________________________________  ____________________
Student Name                      Student Signature                     Date

______________________________  ________________________________  ____________________
Parent/Guardian Signature          Date

Note: Teachers may provide additional information regarding expectations for their own classes.