

Calculus - CP**Teacher: Ms. Lebzelter****Course Material**

Text Calculus
Hughes-Hallett, Gleason, Third Edition, Wiley & Sons, NY

Required Graphing Calculator, TI 83/84

Prerequisites

Successful completion of Precalculus.

Course - Topics

Continuity
Limits
Derivatives of Polynomials, logs, trig functions
Second Derivatives
Particle Problems
Linear Approximation
Related Rates and Applications
Optimization Problems

Evaluations

Assessments are in accordance with Standards.
Formative Assignments include Homework, Classwork, Reflections and Labs
Summative Assessments may include some Classwork, Quizzes, some Labs and Tests
Advance notice (2 days) will be given prior to tests and exams.
Quizzes may be administered without notice.
If you are present on the day the test or quiz is given, you are required to take it. (A make up will be allowed for multiple excused absences.)
Makeup Assessments will be limited to twice and only upon completion of assignments.
Makeup Assessments must be discussed and scheduled with the teacher.
Makeup Assignments after two weeks, must be discussed with the teacher.

Notebook

Students are required to keep and maintain a notebook with formulas, notes, lab data, sample problems and definitions. Laptops may be used for notetaking but software for the symbols and formulas will NOT be taught in class. **Students notes will be checked for eligibility for Make Up Assessments.**

Homework

In accordance with BHS policy, Homework has been limited. It will be checked for eligibility of makeup. Classwork that is not completed in class must be completed outside of class.
Your name, the date, page and problem numbers must be listed on the top of each assignment.

Classwork

Classwork may be collected and assessed.

For full credit classwork may require completion and correction outside of class and will be checked for eligibility of makeup.

No make up will be allowed without completion and correction of all assignments!

Preparation

You are expected to show up on time for class, prepared to work with paper, pencil, textbook, notebook, calculator and completed assignments. Laptops may be used.

Attendance

Attendance is required in accordance with the BHS student handbook.

Grading Policy

Percent of Semester Grade

Assessments	95%
Assignments	0%
Type One Writing and Journals	5%

The Midterm and Final Exam will be cumulative and will each count for 10 % of the final course grade. Your final grade will be the average each quarter plus the exams. Seniors with an A average are excused from the final exam.

All assignments, tests and quizzes will be returned to students and should be kept in their notebook. Exams may be reviewed but must stay in the school.

Course Objectives/ Goals

To provide a more advanced understanding of Calculus and its uses for problem solving and provide the background needed for future college level classes in Calculus.

Contact information

Available for help Mondays and Wednesdays after school in room 333.

email: jlebzelter@beverlyschools.org

class website: <http://calcbhsjal.blogspot.com>