

Calculus 12
Course Outline 2016

Mr. Easton
Horton High

The Calculus 12 course is designed to introduce students to the study of Calculus, which is the mathematics of change. Concepts from differential calculus as well as integral calculus will be covered. The course is intended to help students make an easier transition into their first year Calculus course in a math or science program in university.

Topics Covered	Evaluation	
Limits	Quizzes/Assignments/Projects	25%
Derivatives and Applications	Unit Tests	50%
Integration and Applications	Final Exam	25%
Fundamental Theorem of Calculus		

Daily Required Materials

- textbook
- notebook or binder
- pencil, pen & eraser
- graphing calculator
- grid paper
- ruler

Textbook: Calculus: Graphical, Numerical, Algebraic

You will need to either BUY or RENT a graphing calculator for your use. Calculators are available for rental for \$15 for a semester.

Expectations:

- All work is to be done neatly, preferably with pencil. You must clearly show how you arrive at answers. All work should be completed, marked (if possible) and corrected by the student.
- Extra help is available at lunch. Do not wait until the day of the test to seek help.
- Be on time for class. No allowance will be made for students who are late for quizzes or unit tests. If you arrive late to class and the door is closed, wait for the teacher to let you in.
- Use class time wisely. Students are expected to be ready to start at the beginning of class, required to work until the end of class, and any remaining work is to be finished at home. If finished early, the student is expected to review previous material.
- Cell phones must not be a distraction during class time.
- Hats are to be removed upon entering the classroom.

Procedure when absent...

...from a regular class: If you have been away from a regular class, you are required to obtain missed notes and work from a fellow student or from the website. In the case of a prolonged absence you must make arrangements to collect missed notes and work. The teacher may be consulted prior to an absence for assistance or missed work. Absenteeism is not a valid excuse for missed work. Assignments and notes are your responsibility. **Check the website to see what you missed.**

...from an evaluation: If the absence is excused, then you will write the quiz or test at the earliest possible date (at the teacher's discretion). Students who miss a test for extra-curricular activities, medical appointments or other extenuating circumstances are expected to make alternative arrangements prior to the test date. A legitimate note upon a student's return to class must explain an unexpected absence from a test (i.e. illness).

Extra help

Extra help is available during the lunch hour.

Use the website!

Assigned work and some notes, as well as important dates are posted on the website each day. Check the website regularly, especially if you have missed a class.

**The information on this outline is subject to change.*