

Student Guidelines for Mrs. Yelle's Honors Calculus Class

Course Description:

This course emphasizes the study of differential and integral calculus with their many applications. The primary objective of this course is to teach math as a method of reasoning and problem solving. To accomplish this, underlying concepts and understandings are stressed while making real life applications. The unit topics include functions, limits, derivatives, maximum and minimum theory, integral calculus, and exponential and logarithmic functions. Appropriate use of technology is encouraged throughout the course, and students are required to have a graphing calculator.

Materials Required in Class Every Day:

- *graphing calculator (TI-84 Plus preferred)
- *text book
- *notebook
- *pencil

Grading:

Homework: (10%)

- *Homework will be collected and graded periodically.
- ALL homework assignments should be completed, even if they are not to be graded.

Take Home Tests: (40%)

- *A take-home test, on which students may use their books, notes and ask the teacher for assistance, will be given before each test. This test is designed to help students prepare for the actual test.

Tests: (50%)

- *Tests will be given upon the completion of each chapter or selected sections.

Class Expectations:

- *Students should show respect for everyone in the room at ALL times.
- *Students should arrive to class ON TIME and PREPARED.
- *This class has a fast pace and requires much independent work to prepare students for future math courses

Danvers High School Student Expectations for Student Learning

Academic #1 – Students will demonstrate effective communication skills in (a) writing and (b) speaking.

Academic #3 – Students will use creative, analytical, and critical thinking skills.

Academic #4 – Students will be independent learners.

Academic #5 – Students will demonstrate competency in technology.

Social #1 – Students will show respect.

Make-up Work

Make-ups for tests/quizzes are after school the day you return to school whether or not you have class that day. (Exceptions will be made for extended absences in order to make up missed work prior to making up tests and/or quizzes.) If you miss a class, you should contact another student from class, or me, to find out the assignment.