**Romeo High School**

**Pre-Calculus Course Syllabus**

Instructor: Diana Hart

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**Course Description**

This course is an extension of Algebra 2 /Trig where Algebra 2 and trigonometry skills and concepts are reinforced and strengthened. In addition, polar and parametric equations are explored as well as limits. A complete list of the State of Michigan’s High School Content Expectations for Pre-Calculus can be found at [www.michigan.gov/documents/PreCalc\_167750\_7.pdf](http://www.michigan.gov/documents/PreCalc_167750_7.pdf). The Mathematics Common Core Standards can be found at: http://www.michigan.gov/documents/mde/K-12\_MI\_Math\_Standards\_REV\_470033\_7.pdf

**Relevance**

This course expands the mathematical content and concepts in Algebra 2 and Geometry. Students gain experience with algebraic problem solving, reasoning, writing, and trigonometry. Students who master Pre-Calculus will be prepared for advanced placement calculus. This course also prepares students for college math courses and college entrance exams.

**Required Materials**

Textbook, 3-ring binder, paper, chrome books, pens/pencils, and a TI 83/84 graphing calculator. (If you choose to use a Ti-nspire, bring your manual to class with you every day).

**Methods of Assessment**

Your quarter grade will be the result of an accumulation of points taken from daily homework, chapter quizzes, classwork, projects, and chapter tests. 90% of your quarter grade is from summative assessments and 10% is from formative assessments. Your semester grade is weighed as follows:

First 10 weeks = 40% of final grade

Second 10 weeks = 40% of final grade

Final exam = 20% of final grade

**MAKE-UP WORK**

Upon returning to school after an absence, a student has the responsibility within the number of days equal to the length of the absence or suspension to determine and make up missing work, quizzes, and examinations. A truant student has the responsibility on the first day he or she returns to the course/class to make up missed work, quizzes, and examinations. Late homework can be turned in for half the original credit provided it is turned in AT THE LATEST at the beginning of the hour on the day of the test for that unit.

Formative assessments may be retaken, provided all retake requirements have been met.  Retakes must be completed by a specified date set by the teacher and must be completed before summative assessments.  Formative work may be redone on a separate sheet of paper, stapled to the original, with an explanation of what errors occurred, and handed in PRIOR to the day of the test for that unit. Summative retakes/error analysis are at the discretion of the teacher. No retakes/error analysis will be permitted if there is missing work for that unit.

Students will be held to the rules and guidelines established in the Romeo High School Student Handbook.

**Available Help:** Help is available during all lunches. Place your name on the sign up sheet on the tall cart near my desk. DO NOT ASSUME I am available unless you sign up. If no names are written down, I will be gone doing other work.