

**I. Course Description:** This mathematics course will focus on the study of topics from the Algebra Two Common Core Curriculum – with an intensive unit on Trigonometry. We will put old ideas together in new ways and delve deeper into trigonometry and functions. We will also start Calculus. This class will emphasize analysis of verbal problems, mathematical thinking, algebraic applications, geometric concepts as well as skill development and test taking strategies. Problem solving will be an ongoing activity underlying any topic we discuss. The goal of this class is to enable you to develop the necessary skills to be successful in any college level mathematics course.

**A) Material:** Pens and Pencils, Color Pencils, Notebook and Folder OR binder, Graph paper; (you may want to purchase your own calculator TI-83 or TI-84 or TI-89) Optional: compass, protractor, ruler.

**B) Homework:** You will be assigned homework on a regular basis.

1. You must copy the question and complete the answer for all of the homework questions. You must do all work for the homework on this page, **not** a separate (or scrap) piece of paper. No work – no credit.
2. Be sure to write the page number and the problem numbers and date on the top of the page.
3. Homework will NOT be accepted late as per CSI HS homework policy.

**C) Positive Participation:** Your **positive participation** is important in creating an exciting and productive class.

1. Be prepared with pens, pencils, notebooks, and completed homework assignments each day.
2. Get involved in class discussion, class assignments, and group work activities. “Do Now” must be completed in a timely fashion upon entering the classroom.

**D) Tests and Quizzes:** There will be several tests and quizzes throughout the semester. All tests and most of the quizzes will be announced. There will be a cumulative semester exams, modeled on regents examination. Tests and quizzes are based on class notes, handouts, class discussion, and homework. There will also be several UNANNOUNCED quizzes given at the beginning of class based on the previous nights’ homework assignment, or the previous day’s lesson. **Tests and quizzes will contain material from any chapter studied.** There will be notebook quizzes and unannounced, intermittent notebook checks. Tests can only be made up if the attendance office has declared that your absence was an excused absence.

**E) Grading Policy:** Your grade for each marking period will based on system of total points for each and every assignment, project, and/or tests given each quarter. Your final grade for the semester will be based on the following percentage distribution: See Student Handbook.

## **II. School and Class Rules**

**A) Attendance:** is the necessary first step in creating a successful learning experience.

1. The schools requires that a note be written by your parents, doctor, etc. be brought into school immediately following the days you were absence. These notes should be brought to me at which time you will be allowed to make up any missing work.
2. Unexcused absences will not be tolerated. Excessive unexcused absences will result in a lower grade for the course.

**B) Lateness:** Late arrivals reduce class time and interfere with your work and the work of your classmates. Each student has the responsibility to arrive to class on time everyday. **If you are late, arrive discretely!**

1. The lateness policy is as follows: first tardy will result in a warning. Subsequent lateness will affect your grade.

**C) Conduct:** Disruptive behavior that interferes with the learning process will not be tolerated. Students are held accountable for any disruptive behavior. When you disrupt the classroom environment, you are preventing your classmates and friends from learning. You are stealing their education.

### **C1) Teacher Rules**

1. No eating or drinking in class, including gum.
2. Be courteous and respectful towards others. Use appropriate and respectful language at all times. Calling out disrespectful comments/jokes/answers does not promote a positive learning environment and is disruptive.
3. Be in your seat, ready to work, and copying the keywords and answer the activity question in your notebook as soon as you arrive to class.
4. You will be dismissed from class only after all materials have been returned to their appropriate location and your table is deemed neat and orderly.
5. Review CSI rules and regulations found in your student handbook.

### **C2) Discipline Policy**

Your deportment in class should reflect the fact that this is an honors class.

**Summer Assignment:** Review Trigonometry, Unit Circle, graphs of the basic trig functions.

**Class Contract:** Will be distributed in September.