

## CCGPS Accelerated PreCalculus Course Syllabus

Mrs. Melissa Wadsworth Room 127

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### Materials:

1. Textbook (technically there isn't one)
2. 1 ½ or 2" three ring binders
3. Pencils (**No pens please**)
4. Paper
5. Dividers
6. Scientific Calculator (Recommend the TI 30XIIS or the Casio FX 300) or Texas Instruments Graphing Calculator (Recommend TI 83, 84, or 89)
7. Graph Paper
8. Markers or Colored Pencils

**Course Name and Code:** CCGPS Accelerated PreCalculus 4535

**Textbook Used:** NONE

### Course Description:

This is a course in precalculus designed to prepare students to take Calculus in a college or university at the end of successful completion of high school. The following is a list of what will be covered:

### Course Outline and Content:

1. Conics
2. Trigonometric Functions
3. Trigonometry of General Triangles
4. Trigonometric Identities
5. Matrices
6. Vectors
7. Probability
8. Introduction to Calculus (\* added for HCS)

### Tests and Projects:

Approximately 1 to 2 tests per 6 weeks and quizzes will be given throughout the year. Projects may be given at the teacher's discretion. An exam will be given in December and May. Benchmarks will also be given throughout the year as well. These are cumulative.

### Practice:

You are expected to attempt, complete, and check every assignment. ***Practice problems will be assigned daily.*** Mathematics is learned by practice; therefore, you are expected to do your homework when assigned. **You are expected to check your own practice problems** as we review them in class. There will be an unannounced homework checks throughout the week, which may be graded for accuracy or bonus coupons may be awarded. You are expected to keep your assignments organized in your notebook at all times. ***Always*** show all your work. This helps me see how you are processing the problem. If asked to, be able to explain your reasoning, verbally or written. At times, projects may be assigned.

### ABSENCES:

It is important for students to be in class daily, however; it is understood that at times students may miss days. If a student misses a day, they must have an excused note **the day they return** or they will not be able to make up any work that they may have missed. A zero will be recorded for all unexcused absences. If more information is needed regarding absences please see the student handbook.

### MAKE-UP WORK:

If a student has an excused absence, they will be given the same number of days to make up the work as they were absent. Example: A student misses 2 days, they will have 2 days to return all work to me---if they miss one day, they will have one day to turn in all work. Once again, no work will be taken after the deadline. Tests and quizzes may be made up in the morning or afternoon. Students will be given one week to make up tests and quizzes ONLY. All tests will be announced in advance. **If you miss the day before a test, you will be expected to take the test with the rest of the class.**

**Re-Test Policy:** There is no retest policy for the Math department at OHS.

### TUTORING HOURS:

I will be available for help by appointment only.

### CLASSROOM RULES:

Be seated and be ready to begin when the bell rings.  
Food and drink is not allowed, but water is acceptable.  
Do not sleep or put head down in class.  
Do not work on other work while in class.

Respect others in the class.  
Do not damage classroom or materials.  
Do not talk during announcements.

### GRADE SCALE:

89.5 – 100	A
79.5 – 89.4	B
73.5 – 79.4	C
69.5 – 73.4	D
69.4 and Below	F

#### New for 2014 -2015

- This course is a yearlong course. The grades will be cumulative throughout the entire school year. This will allow students the opportunity to demonstrate mastery of standards throughout the year.
- This year students will have the option of exempting the exam in December IF he/she has a 90 average AND no more than three absences (excused or unexcused) in the class. The only exception is field trips.

August 2014

Dear Parents of Students in CCGPS Accelerated PreCalculus Courses:

The technology explosion in recent years has dramatically expanded the content and instructional methodology of high school mathematics. Students investigate and learn mathematical concepts that previously had not been accessible to them in a traditional classroom. In order to accomplish this goal, advanced mathematics curriculum and instructional materials employ the use of graphic calculators both in the classroom and for homework assignments. The use of this technology will have a major impact on the nature of instruction, and we feel that the student's capacity for learning the subject will be dramatically enhanced.

Specifically in Henry County, we will be using the TI-83 Plus (Silver Edition) or the TI – 84 graphic calculator for the regular and advanced math courses and in some cases the TI-Inspire in AP Calculus and Statistics. Students will need access to these calculators on a regular basis for these classes. Many students (and their parents) prefer to purchase their own graphic calculator for use now and later in college.

We are looking forward to an exciting year of mathematics with your son/daughter.

Sincerely,

Melissa Wadsworth  
Ola High School

**Failure to follow hand book and class rules can result in a discipline referral.**

**It is important that the teacher, parent/guardian, and students work together throughout the year in order to be successful. Please have the student and parent/guardian sign below which signify that you have read the information and understand it. If you have any questions, please do not hesitate to contact me by email or phone.**

\_\_\_\_\_ Student Signature

\_\_\_\_\_ Parent/Guardian Signature

\_\_\_\_\_ Parent/Guardian E-mail Address

\_\_\_\_\_ Parent/Guardian Daytime Phone Number