

Pre-Calculus Hnrs

Teacher: Mr. Garvey
Classroom: Rm 610

Welcome to Pre-Calculus Hnrs!

Pre-Calculus is where students will learn the concepts that will help them be successful in Calculus. In this precursor course, students will review material previous learned in Algebra 2 or Math 3 and then expand on those concepts. There will also be many new concepts covered in this course as well that will be challenging to your student. The following is a list of topics that will be covered in this course: Functions & Graphs, Polynomial & Rational Functions, Exponential & Logarithmic Functions, Unit Circle, Basic Trigonometry, Inverse Trig, Right Triangles, Trig Identities, Sum & Difference Identities, Trig Graphs, Solving Triangles (Law of Sines, Law of Cosines), Vectors, Vector Applications, Polar Coordinates and Equations, Regression, Sequences and Series, and Calculus. Upon successful completion of this course, students will be ready to take AP Calculus.

MATERIALS

Required:

Pencils **Notebook Binder 2"** **Notebook paper** **Graph Paper** **Notebook Dividers (x5)**

Optional: (highly recommended though)

Calculator (TI 83 plus or TI 84) **Color Pencils/Highlighters** **Ruler**

CLASSROOM RULES

I have established these four rules in order to promote a fun, courteous, and safe learning environment for my students and myself. You will find these rules very simple to follow; yet the rules encompass many areas:

- 1) **Be on Time**
On time means being in the classroom when the tardy bell rings in your seat; not walking in the door.
- 2) **Be Prepared**
Have all your materials required for class with you when you come to class. This includes (but is not limited to) paper, **pencil**, homework, and math notebook. You need to turn in all assignments on time.
- 3) **Be Respectful**
Treat others as you would want them to treat you. Do not consume food or drink (other than water) at any time in my classroom; this includes gum and candy. **DO NOT SLEEP!**
- 4) **Be Responsible**
You are to follow all classroom, HHS, and Craven County rules.

CONSEQUENCES FOR INAPPROPRIATE BEHAVIOR

The consequences for inappropriate behavior will be handled in accordance with my classroom management plan.

STUDENTS who commit the following infractions will receive an immediate referral to the Administration: fighting, cheating, skipping class, abusive language towards the teacher, dress code violation, and or blatant disrespect or defiance.

TARDY POLICY

Tardiness to class will be handled in accordance with the **school's tardy policy**. If you have any questions, see the student handbook.

RESTROOM POLICY

A student cannot learn if they are not in the classroom. **Students are expected to use the restroom between classes and during lunch.** Students will receive a sheet that has their restroom passes on it and it is the student's responsibility to keep up with this sheet. **There will be no additional passes given if a student loses their sheet.** Once these passes are used, a student may be allowed to go at the teacher's discretion. Any passes that are unused at the end of the semester will be used for extra credit on the last unit test.

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NOTEBOOK REQUIREMENTS

Students will be required to keep a 2” binder with five section dividers. **This notebook can be collected and checked at anytime during the semester.** Students should maintain their notebooks at all times in accordance with Mr. Garvey’s Notebook organization sheet.

GRADING PROCEDURES AND POLICY

The HHS grading scale will be utilized: A (93-100), B (85-92), C (77-84), D (70-76), and F (69 and below). To get full credit on your homework and class-work **you must show your work (steps) and be turned in on time.** Late work can only receive a maximum grade of 50%, **if accepted.** **ALL WORK TURNED IN FOR A GRADE MUST BE IN PENCIL.** **Talking during a quiz or test may result in a zero! Cheating on a quiz or test will result in a zero, a parent contact, and a referral to the administration.** Your grade will be calculated by assignment type/weight in the manner below:

| | |
|---------------------|-----|
| Tests/Projects: | 55% |
| Quizzes: | 20% |
| Homework/Class-work | 15% |
| Notebook/Bellwork: | 10% |

All tests and assessments will be cumulative! The MID-TERM WILL BE GIVEN AT THE END OF THE 1ST 9 WEEKS AND COUNTS TWICE. **At the end of the semester, all students will take the NC COMMON EXAM; this exam is 25% of their grade.**

RETESTING & TEST CORRECTIONS

Tests are the only assessments that students may retest or do test corrections on. Students may do up to two retests or test corrections every 9-weeks. Students need to follow my retest/test correction policy; which they have a copy and it is on my website.

HOMEWORK

Homework assignments with 10-25 problems will be given almost daily. Students are **required to show all work; NO WORK, NO CREDIT! Work done in any type of pen will not be accepted!**

EXTRA CREDIT

The **ONLY** extra credit I give is concepts from Math iXL assigned during specific units/chapters. Students that get 93% or higher on a concept will get an extra credit point per concept added to that unit/chapter test. **I DO NOT GIVE EXTRA WORK FOR EXTRA CREDIT!**

MAKE-UP PROCEDURES

If a student is absent, he/she must make arrangements **within 3 school days** with me to make up any work missed. **Students should get missed notes from another student or my website. Any missed work that is not made up will be given a grade of zero until made up.**

If you or your parent(s)/guardian(s) have any questions or concerns about the above information, please feel free to contact me. Email is the best way of corresponding with me!

HHS Telephone #: 444-5112

Mr. Garvey’s email: dave.garvey@craven.k12.nc.us

Mr. Garvey’s webpage: <http://hhsrmgarvey.weebly.com>

Pre-Calculus will be a fast paced and challenging course. Students will have to be willing to put forth a good deal of effort. This includes, but is not limited to, coming to class regularly, doing all work assigned, studying, and never giving up. I look forward to getting to know you over the semester and helping you obtain the skills necessary to succeed Pre-Calculus.

Print Student Name

Print Parent Name

Student Signature

Parent Signature

Date Signed