

Mr. Allen
Honors Pre-Calculus Syllabus

Welcome to Honors Pre-Calculus. I look forward to working with you this Semester. If you have any questions or concerns, please email me at gallen@randolph.k12.nc.us. Communication between Parents, Guardians, Students and Teachers will be vital for success. I'm looking forward to a great school year!

Materials: TI-84+ Calculator

- 3 ring notebook
- Notebook paper
- Pencils
- Pens
- Highlighters
- Colored Pencils
- Glue Sticks
- Scissors
- Ruler
- Graph Paper
- Ear buds/Headphones (Optional)



Grading:

Grades will be based on BOTH Completion AND Accuracy.

- **Classwork/Participation - 35%**
 - I am looking for hard work here, so accuracy is something we are continually working toward. Students will have multiple attempts to correct their work, and receive the highest grade.
- **Homework/Remote Work - 15%**
 - Any work assigned for a student to be done at home will be submitted through Canvas. Students will have 2 days and 2 attempts to complete their Homework, and will receive an average of the two grades.
- **Quizzes - 10%**
 - These will be smaller assessments covering one or two topics. Students will have 2 attempts at these assignments, and will receive an average of the two grades.
- **Tests/Projects - 40%**
 - These will cover entire units of study. Again, 2 attempts will be allowed, with students receiving the average of the two grades.
 - If a student is not happy with their grade after 2 attempts, they may schedule a conference with me to go over the test. After the conference, I will allow 1 additional attempt.

Attendance: Good attendance is mandatory for success in this class. Students who miss less than 3 classes will be eligible for an exemption from the Final Exam.

Cell Phones: If Smartphones are being used to play games or post on Social Media, students will be instructed to place their phones in the designated area, and parents will be notified.

Online Resources:

- [Desmos Online Graphing Calculator](#) is a FREE app from Google Play or the App Store.
- [Khan Academy](#) is a great way to see someone else teach the topics in a slightly different way.
- [Math is Fun](#) is not what you think. This site has easy explanations of a lot of math topics and is good for parents and students of all grade levels.

Exam: The Pre-Calculus Final Exam is a Teacher-Made Exam, and will be a Comprehensive Test of all that we study. It will count as 25% of the student's final grade.

Classroom Needs: Donations to the class will be greatly appreciated. We can always use Glue Sticks, Kleenexes, Clorox wipes, and paper towels.

Course Schedule

Intro to Class – 1 Day

- I. Matrices – 4 Days
 - II. Functions and Key Features – 5 Days
 - III. Extending Polynomial and Rational Functions – 15 Days
 - IV. Composition and Inverse Functions – 10 Days
 - V. Exponential and Logarithmic Functions – 15 Days
 - VI. Trigonometry: Functions – 10 Days
 - VII. Trigonometry: Equations and Inverse Functions – 10 Days
 - VIII. Parametric Equations – 10 Days
 - IX. Intro to Limits – 2 Days
 - X. Final Review – 3 Days
- (Total – 85 Days)