

PreCal Honors

Being successful in this course:

PreCal Honors is an honors course and requires each student to apply concepts regularly. As a student of PreCal Honors, one is expected to be self-motivated, responsible, and participate in class discussions. The pace and academic level of the course is set so a student may need to adjust by utilizing Tutorials before/after school, Academic Period or develop time management skills. The ultimate goal is to prepare each student for success in AP Calculus next year.

Teacher Expectations:

- Communication about assignments, deadlines, and expectations
- Challenging and relevant curriculum
- Additional help inside and outside of class
- Providing tools to improve skills for mathematics, problem solving, and post-secondary preparation

Student Expectations:

- **NO LATE WORK** and regular attendance
- Best effort—every day!
- Completing all assignments, following instructions
- Arriving to class prepared
- Communicating about concerns, homework, etc
- Developing independence and leadership skills

By signing below, I agree to the listed expectations:

Print student name

Parent Signature/Date

Student Signature/Date



WELCOME TO HONORS PRE-CALCULUS 2021 – 2022

PURPOSE: This course is designed to prepare students for higher level mathematics through the study of functions, trigonometry, and polar graphing.

LIST OF TOPICS:

- Algebra Review
- Characteristics of Functions
- Quadratic Functions
- Square Root Functions
- Piecewise Functions
- Absolute Value Functions
- Step Functions
- Polynomial Functions
- Rational Functions
- Exponential Functions
- Logarithmic Functions
- Trig Basics
- Trig Equations
- Trig Functions & Transformations
- Triangle Trig
- Trig Identities

CLASS RULES:

- NO PHONES!
- Be Prompt
- Be Prepared
- Be Respectful
- Use class time for PreCal first

SUPPLIES:

- Large 3-ring binder
- Dividers (optional)
- Pencils & Erasers
- Notebook Paper (if needed)

GRADING:

- 50% Major
- 50% Minor
- Quizzes will be averaged as 2 Daily Grades.

DAILY:

- Quizzes (x2)
- Homework assignments
- Class Assignments
- Reviews for each unit (Extra Credit)

TESTS:

- At least 3 per nine weeks
- Corrections Policy:
Corrections are available but must be completed IN CLASS within 3 days after grade. Corrections will replace the failing test score with a maximum grade of 70. ONLY ONE PER NINE WEEKS!!!

LATEWORK:

NOT ACCEPTED!!! Grade will be a 0.

REMIND 101:

To join my Remind, text

@lhsburnhpc to 81010

MAKE-UP WORK: It is your responsibility to make up ALL work missed. If you know ahead of time that you will be gone (ex: school events), it is your responsibility to come get your work BEFORE you miss class.

TUTORIALS: Listed below are the members of the math department. We are always happy to help you with anything that you might be having trouble with. If your teacher is not available check with the other teachers listed below.

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|------------|---------|-----------|---------|
| • Burnside | Rm A116 | • Allison | Rm A112 |
| • Hopkins | Rm A104 | • Bird | Rm A114 |
| • Beeler | Rm A115 | • Johnson | Rm A113 |
| • White | Rm A117 | • Shivers | Rm A109 |
| | | • Brown | Rm A105 |