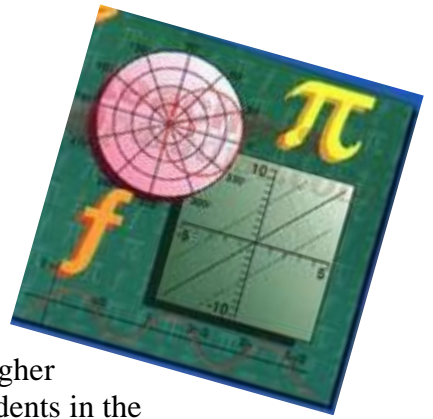


# Honors PreCalculus

Spring Semester 2020

Mrs. Tran



**DESCRIPTION:** The Honors Precalculus course provides students an honors-level study of trigonometry, advanced functions, analytic geometry, and data analysis in preparation for AP Calculus. Applications and modeling will be included throughout the course. Honors PreCalculus is a challenging, higher level course for those students who aspire to an advanced level of learning. Students in the class should have demonstrated previously, an advanced level of interest, aptitude, and achievement in mathematics. The course will require the students to take greater responsibility for their learning and to explore the curriculum, in both breadth and depth of study. The course will correlate with the NC Standard Course of Study for PreCalculus. All students will take an online final exam created by the state of NC.

**Note:** Precalculus students are responsible for all material learned in Math I, Math II, and Math III. There is no review of topics other than a quick presentation of frequently used algebra concepts.

**TEXT:** Precalculus with Limits: A Graphing Approach, Larson, Hostetler, Edwards

**CLASS WEBSITE:** <https://ucps.instructure.com/courses/120218>

Students are expected to use the website daily for assignments, resource materials, notes, etc.

All due dates are posted on the calendar feature of the page. For any question, the class website is always the first place to start!

**REMINDE:** This technology tool allows me to text and/or email class reminders to parents and students.

Safety is a primary feature; I never see student/parent phone numbers, nor will students/parents ever see my number. I use it as a “one-way” text allowing me to share class assignments and information.

Just text @ **HPreCalS20** to **81010** and/or send an email to **HPreCalS20@mail.remind.com** and/or download the Remind app!

**MATERIALS:** Textbook

3 – ring notebook

Graph paper

TI – 84 (or later model) calculator

Pencils

Notebook paper

Colored pencils

4 function calculator

Chromebook

Tissues/wipes

*All of these materials should be brought to class every day, unless instructed otherwise.*

**Calculator Note:** Technology is an essential element in mathematics, and each student must have access to a personal calculator for Precalculus. The purpose of the calculator, however, is not to replace basic math or algebra skills. As a result, on many tests and quizzes students will not be permitted to use the calculator. We will use the graphing calculator as a tool to explore higher-level concepts and applications. Forthcoming state exams will include calculator and non-calculator sections.

**TESTS and QUIZZES:** Tests and most quizzes will be announced in advance. Typically there is one test and one or two quizzes per chapter.

**HOMEWORK:** All homework assignments will be discussed in class and may be graded for accuracy and/or effort. Homework is a necessary and an extremely important part of the Precalculus course. It must be completed on a daily basis in order to achieve success. All work must be shown; only answers will NOT BE ACCEPTED and will result in a zero for the grade for that assignment. Each problem and diagram, if applicable, must be copied with an attempt at a solution. All graphs must be on graph paper. I must be able to see and follow your work in order to help you. Late work will NOT BE ACCEPTED.

**NOTEBOOK:** An organized 3-ring notebook is also vital for success. Sections should be designated for Notes, Homework, Classwork, and Graded Assignments. Other sections can be included according to the needs of the individual student.

**ATTENDANCE:** Being present in class each day is crucial to achievement. Students must be in class for at least 70 of the 83 minute class in order to be counted present and may not miss more than 7 days of class during the semester. If a student misses class, it is his/her responsibility to get notes and assignments from the class website and/or a classmate first, and then come see me. Make-up work due to illness or any other excused absence must be completed within two days of returning, according to UCPS policy.

<b><u>GRADING POLICY:</u></b>	Tests	60%
	Quizzes	30%
	Daily Grades (HW, CW, Effort, etc.)	10%
	*Exam (no exemptions) will count 25% of the course grade	

**HONOR and RESPONSIBILITY:** In our Precalculus class, each assignment is to be completed on your own. Receiving help is permissible and encouraged; however, please be sure that the assignment you turn in for credit is your own. Help is defined as additional instructions, explanations, examples, and the sharing of ideas, but not doing or showing the particular assigned problem for, or to, someone.

**EXPECTATIONS:** Students are expected, on a daily basis, to copy notes and all examples during class. In addition, students should make corrections on homework assignments and add notes to the homework when it is discussed. Students are expected to ask questions, answer questions, and volunteer during class. In conclusion, students must be active participants, not spectators!

**EXTRA HELP:** If you come to class with a positive attitude, prepared and ready to learn, you will be successful. I am here to challenge you to do your best. I expect you to take risks and always make a valid attempt. That's how we all learn! When you need extra help, please come see me. Extra help is available during SMART Lunch Tuesday and Wednesday as well as after school on Thursday from 3:05 – 3:35 or at other times by appointment.

Please contact me with any questions or concerns at Marvin Ridge (704 - 290 - 1520) or by email ([sandra.tran@ucps.k12.nc.us](mailto:sandra.tran@ucps.k12.nc.us)). I look forward to an enjoyable and most successful semester!





# Classroom Rules and Expectations

## Honors PreCalculus – Mrs. Tran

### Spring Semester 2020



1. Use the restroom and sharpen pencils **before** the tardy bell.
2. Silence your phone and place it in your assigned pocket of the phone bag **before** the tardy bell.
3. Be in your seat and ready to begin **when** the tardy bell rings.
4. Remain in your seat until Mrs. Tran dismisses class.
5. Complete all work in **PENCIL** or it will not be accepted.
6. Attempt and show work on **each** assigned problem to receive credit for the assignment.
7. Check the Canvas page and Remind **every evening** for assignments and resources.
8. One person speaks at a time; everyone else listens.
9. Listen! Listen! Listen! (We learn more by listening than talking!)
10. Respect is a must in the classroom. Treat others as you would like to be treated.
11. Extra help is always available; you need only to ask. Do not allow yourself to fall behind. Math is cumulative.
12. No food or drink is allowed in the classroom with the exception of water.
13. Intervention when rules and expectations are not followed:
  - a. teacher/student conference
  - b. parent contact and detention
  - c. administrator notification and involvement

Detach here!

I have read, understand, and agree to abide by these rules and expectations for PreCalculus.

\_\_\_\_\_  
Student signature

I have read, understand, and will support my student in abiding by these rules and expectations for PreCalculus. I give my permission to communicate about my student via email.

\_\_\_\_\_  
Parent signature

**Parent** email address: \_\_\_\_\_

*Please print legibly so that I can distinguish among the 1, l, I, o, 0, O, etc!!*