

COURSE SYLLABUS

COURSE: Honors Pre-Calculus

TEACHER: Linda Coulson

Google Classroom Code (see class expectation #5): [4vuvpew](#)

COURSE DESCRIPTION

Precalculus is designed to prepare students for college level STEM focused courses. Students extend their knowledge of the complex number system to use complex numbers in polynomial identities and equations. Topics for student mastery include equations, inequalities, properties of functions, models, functions, trigonometric functions, triangles, and circles. This is an honors class. As such the class covers more material and at a greater depth than in a regular class.. Students must understand and apply both concepts and problem solving skills. All students enrolled in a statewide dual credit course take the online challenge exam, which is used to assess mastery of the postsecondary-level learning objectives. Students who meet or exceed the exam 'cut score' receive college credit that can be applied to any Tennessee public postsecondary institution.

CLASS EXPECTATIONS

1. Expect to learn something every day. Be prepared. Have your supplies ready, including your Chromebook (charged), book, and a pencil. Work completed in pen will not be accepted.
2. Covered drinks are acceptable.
3. You may only use the restroom in an emergency, you are expected to stay in class.
4. Expect to have homework most nights. My goal is 30 minutes, although I realize students work at different speeds. The best way to develop mathematical skills is to work on math problems, a lot of problems. If homework is taking too long or you are becoming frustrated, put it up and come into school early for help.
5. **Use google classroom daily (especially if absent!) to keep up with assignments and resources.**

NEEDED SUPPLIES.

1. A 3 ring binder to keep up with class notes, homework papers, and returned work.
2. Earbuds.
3. Fine tip dry erase markers (at least 3 colors)
4. Colored pencils
5. Paper (notebook and graphing)
6. Pencils
7. Optional: Graphing calculator (TI Inspired) plus a 4 function calculator

MAKEUP POLICIES: Excused absences are always a possibility during a semester. Make every effort to be in class, but when absences are unavoidable the students have an equal number of days to complete the make-up work as the number of days missed. *Assignments are normally*

posted on google classroom.

TUTORING: Normally Monday - Thursday 7:00-7:45 S226.

STUDENT EVALUATION*

20% Completion Grades: Ex. Class Activities and Practice Problems

80% Assessments - Accuracy Grades: Ex. Quizzes, Tests, Projects

Students passing the challenge exam may receive college credit for Precalculus (College Algebra AND Trigonometry)

***REMEDIATION**

Students are expected to correct every test and major quizzes taken. Corrections which are not accurate will not be accepted. Students with no missing assignments (this includes test/quiz corrections) will be allowed to drop 2 grades (max of one major and one minor) per 9 week period. Students with one missing assignment will be able to drop one minor grade, major tests excluded.

How to do a Proper Test Correction:

1. Every wrong answer must be corrected. And by corrected I mean correct. You have me, other math teachers and other students as resources.
2. You must write out every step of the corrected problem from the place where you made your first mistake. (Simply changing the answer of a MC question does NOT qualify as a correction.)
3. If the question requires analysis, you must explain in writing the logic and process behind the problem, not just what you did wrong, but what you need to know to solve the problem and then how you successfully solved it.

HELPFUL LINKS

Textbook: [Online Textbook](#) Precalculus: An Investigation of Functions (2nd Ed)

Course ID: 190448

Course ID: 190452

Course Name: HPCCollegeAlgebra

Course Name: HPCTrigonometry

Online Problems and Videos: [MyOpenMath](#)

Virtual Nerd: [Virtual Nerd \(all classes\)](#)

Helpful Videos : <http://patrickjmt.com/>

ACT Practice: [ACT](#)

This syllabus with active links is available on Google Classroom/Classwork