

Precalculus Perry High School Course Syllabus

Course and Instructor Information

Instructor	Sarah Aitken	Office Hours	Before and After School
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Topics Covered:

- Functions and Graphs
- Transformations
- Trigonometric Functions and Graphs
- Vectors and Parametric Equations
- Polar coordinates and Complex Numbers
- Conics
- Exponential and Logarithmic Functions

TEXT: Precalculus with Limits by Ron Larson.

GENERAL COURSE REQUIREMENTS: Your grade in this course will be derived from the following sources:

1. **Tests:** Tests will be given at the end of each chapter or unit. Make-ups for absentees will be given during non-class hours and within the number of days' instruction missed.
2. **Quizzes:** Quizzes will be given with regularity. Make-up quizzes will be given in the same manner as tests.
3. **Homework:** Homework will be assigned 4-5 times weekly and will be checked at the beginning of the class period. Homework should be kept separate from notes. Daily homework scores are worth 5 points each. Partial credit will be given for incomplete assignments. Late work will not be accepted. Homework must be completed on loose-leaf paper and must be done in pencil.
4. **Quarter Grades:** The quarter grade will be based on the percent determined by a progressive breakdown of 80% tests/quizzes and 20% homework.
 Grading Scale: 90-100% A
 80-89% B
 70-79% C
 60-69% D
 0-59% F
5. **Semester Grade:** While quarter grades are given, grades are progressive throughout the duration of the semester. Semester grades are determined by the approximate breakdown (Homework-16%, Quizzes and Tests 64%, and the Semester Exam-20%).
6. **Extra Credit:** Extra credit opportunities may be available throughout the year. These opportunities will be announced in class.

CHANDLER GILBERT COMMUNITY COLLEGE CREDIT:

Perry High School, in conjunction with Chandler Gilbert Community College, offers high school students dual credit opportunities. All students must take the ACCUPLACER placement test. Students, who simultaneously enroll in Pre-Calculus at PHS and CGCC, take the course at the high school for credit at both institutions. Students must maintain a minimum of a "C" average and pay the tuition fee to CGCC in order to be eligible to enroll in this course for college credit. A total of 6 college credit hours (3 credits - MAT 152 and 3 credits – MAT 182) are earned upon successful completion of this course. **Registration occurs in early August.** More information regarding tuition fees and specific dates will be announced at a future date.

CLASSROOM STANDARDS: There are several rules and regulations that hold for every class member.

1. **Participation:** You are expected to participate actively in all class work and review assignments. This will include answering questions and putting problems on the board.
2. **Tardiness:** Unexcused tardiness will not be tolerated under any circumstances. See school policy.
3. **Behavior:** There is no place and no time for immature behavior in this class. Students who deprive others of the right to learn will be dismissed.
4. **Dismissal:** **ALL STUDENTS** are to remain in their seats until dismissed.
5. **Food and Drink:** **NO FOOD OR DRINK** (except water). If food or drink is brought to class, students will be required to throw it away.

MATERIALS: You are to be equipped with the following materials at each meeting of class:

1. **Pencil:** All homework, tests, and quizzes **MUST** be done **NEATLY** in **PENCIL**.
2. **Notebook:** All students are required to keep a loose-leaf binder for notes and homework.
3. **Calculator:** A TI-83 or TI-84 calculator **is required**.

MISCELLANEOUS:

1. **Failure Notices:** Failure notices will not be sent home unless the student is a senior, in which case they are sent mid-semester. However, grades are updated weekly and parents are encouraged to check their student's grade online via Infinite Campus regularly to stay notified.
2. **Cheating:** Cheating is defined as:
 - A. On tests/quizzes
 1. viewing another student's work
 2. talking during a test period
 3. helping another student on an evaluation
 4. using unauthorized reference materials
 5. using unauthorized materials on a graphing calculator
 6. having a cell phone out during a quiz, test, or exam
 - B. On homework
 1. copying another student's work
 2. turning in another student's work
 3. giving your paper to another student
 - C. On group work
 1. not contributing to the group's effort
 2. using the work of another group
 3. giving another group your group's work

STUDENTS CAUGHT CHEATING WILL NOT BE GIVEN ANY CREDIT ON THE PARTICULAR ACTIVITY IN QUESTION.
3. **Tests/Quizzes:** The instructor will keep all tests and quizzes.
4. **Tutoring Hours:** Before school and after school based on availability.

Finally, let me advise you that this course can be of enormous benefit to you if you follow my directions and keep up with the work. If you fall behind, the course will overwhelm you. Make your resolutions now to meet the performance of the class; the reward will come later.

The instructor reserves the right to make changes to this syllabus at any time.