

### Course Information

**Number:** 01510      Level IV      Year-long      1 Credit

**Prerequisite:** Students who are currently in Algebra 2 or are currently getting a B or lower in Accelerated Algebra 2 are most likely to sign up for this course.

**Description:** Pre Calculus is designed for the student who has completed Algebra 2, Accelerated Algebra 2, or Honors Algebra 2 and is NOT planning to take AP Calculus at BHS or Calculus immediately upon entering college. A graphing calculator is required for this course (we recommend the TI-83/TI-84).

### Topics Covered in Pre Calculus

**Each topic cover will take approximately 2 – 3 weeks to complete.** Families of Functions—Transformation and Application of functions—Triangle Trigonometry—Circular Functions and their graphs—Basic Trigonometric Identities—Statistical Modeling—Probability Distributions—Inferential Statistics

### Classroom Policies and Procedures

#### General Rules & Expectations

- Once the bell rings students are to be seated and ready for class. (If not in seat→Tardy)!
- Materials: 3 ring binder (1 inch is recommended), notebook/loose-leaf/graph paper, **pencil**, color pen, **graphing calculator** everyday!
- **Respect Everyone:** This includes classmate's feelings, personal space, property as well as school rules and school property. No harassment of any kind will be tolerated. REMEMBER you are young adults!
- There will be no talking when someone else is talking
- There will be **no** food or drink in the classroom except bottled water or **healthy** snacks.
- **Leaving Room**→ You must ask at appropriate times (You may leave only 3 times per term).
- **Electronics/Wireless Devices:** Any form of electronic devices, including cell phones, that have access to the World Wide Web are **ONLY** allowed during times when instructed. During all other times, they are to be off and stored. If I see these items out during class, I will confiscate it/them for the remainder of the period.
- **Calculators & Assessments:** No electronic devices (i.e. iPad, iTouch, iPod, iPhone, cell phone, etc) may be used as a calculator during any form of assessments.

**Grading (the important info)** is based on percentages

- **Notebook/Assignments (15%):** Notes must be taken every day. Assignments will be given everyday and checked for completion the following day. Homework will be graded on a 2, 1, 0 point system the day it is due. 2 points = 90% or more of the assignment is completed, 1 point = 50%-90% completed, 0 points = less than 50% of homework completed. There are 3 late homework assignments allowed per semester. You will be responsible for completing 15 minutes on Khan Academy each week with one point per minute.

- **Quizzes (25%)**: One/Two quizzes will be given for every unit. Quizzes cannot be retaken but the lowest quiz at the end of the semester may be dropped, if you have not used your leaving the room privileges or late homework!
- **Tests (35%)**: There will be a unit test at the end of every unit. There are no retakes on tests, see Extra Credit for how you may help your test grade before even taking it.
- **Projects & Presentations (15%)**: There will be a project with every unit that may require time with partners/groups outside of class. There will be times when you will be asked to present to the class whether as an individual or as a small group.
- **Midterm & Final (10%)**: There will be an accumulative mid-term and final given at the end of each semester.
- **Grades will NOT be rounded at the end of either semester**

### **Extra Help**

I am available before and after school. A Math teacher is available during every period throughout the day.

### **Extra Credit**

There will be occasional extra credit offered. An example is completing 50% of the Exploration problems in each unit may result in extra credit towards that unit test.

### **Cheating**

Cheating is not tolerated. Those who cheat (including copying another students homework) will be given a zero for that assignment, quiz, or test. A student will not be allowed any extra credit.

**Students must demonstrate respect or responsibility 90% of the time or higher to earn a comment of almost always; 70-89% of the time to earn a comment of frequently; and less than 70% of the time to earn a comment of seldom**

#### **Respect:**

- Listen to while others are talking
- Wait for your turn to speak (i.e. raise hand)
- Polite to others (i.e. Common courtesy)
- Use classroom supplies appropriately & return them to proper location

#### **Responsibility:**

- On-time to class
- Good attendance (absent less than 5 day, unless medically excused per semester)
- Homework completed on time
- Good use of privileges within the classroom
  - Have required supplies when needed (without going to locker)
  - Minimal use (less than 3 times per term) of leaving the room for

- Locker
- Bathroom

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**I have read and understand the classroom policies and procedures. This page must be returned to Ms. Pflug**

Please sign, date, and return.

Student name (print) \_\_\_\_\_

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

Date \_\_\_\_\_

Parent/Legal Guardian signature \_\_\_\_\_

Date \_\_\_\_\_