

Ms. Lindstrom's
Precalculus Syllabus



CONTACT INFORMATION:

- Phone: (480) 883-5075
- Email: lindstrom.samantha@cusd80.com (quickest way to get in contact with me)
- **Office Hours/tutoring while virtual: Monday and Wednesday 2:30-3:30 using Google Meet**
- Office Hours/tutoring when in person classes resume: Monday and Wednesday 2:20 – 3:15 (C117)

Course Content:

- Pre-Calculus weaves together previous study of algebra, geometry, and mathematical functions into a preparatory course for calculus. The course focuses on mastery of critical skills and exposure to new skills necessary for success in subsequent math courses. Topics include fundamental concepts of Algebra, functions and graphs, polynomials and rational functions, exponential and logarithmic functions, trigonometric functions, analytic trigonometry, topics in trigonometry, systems of equations and inequalities, conic sections, sequences, and series.

MATERIALS:

- 100-page composition notebook, graph paper or college ruled (1 per semester).
- Pencils and erasers
- Graphing Calculator - **a TI 84 CE calculator is recommended**
- Text: Precalculus, 5th Edition Author: Robert Blitzer

Dual Credit

Precalculus is a college level course for high school students. It is a course designed to strengthen the student's algebra skills to prepare them for Calculus I or A/B. This course is equivalent to a one-semester Precalculus course at any in state college. This course can be taken for dual credit, earning you **5 college credit in MAT 187**, from Chandler/Gilbert Community College. Therefore, the amount, level, and quality of work in this course will be what one would expect in a college-level course. Students interested in earning dual credit need to watch for announcements and posted information on the process and requirements.

In order to earn dual credit, student must earn **70% or higher both semesters**. You will need to be attentive in class and take notes. The amount of information you will receive **IN** class, the activities/assignments you will do **IN** class, as well as the discussions that will take place **IN** class make your presence and participation crucial to your success. You will be expected to do work outside of class. Given that you apply yourself and take a real interest in the material covered, you will be well prepared for any level of mathematics you choose or test into at the college level. Remember that no matter what college or university you choose to attend, you will be required to take a placement test that determines which level of math you need to start at, even if you have taken dual credit classes.

Virtual Attendance Statement:

Attendance is based on engagement. If a student is not present for synchronous instruction and does not complete the asynchronous/alternative assignment for the daily class meeting, then the student is considered absent. Teachers will contact attendance clerks once a student is determined to be absent.

IN PERSON ATTENDANCE POLICY:

- We expect behaviors to promote learning. Daily attendance is extremely important!
- In the event that you must be absent, it is **your responsibility** to find out exactly what you missed and what you need to make up. The school policy states that **for every EXCUSED day you are absent, you have ONE day to make-up all missed assignments, assessments, etc.**
- If the absence is **unexcused** then any work collected or assigned that day will receive a zero with no opportunity for make-up, **this includes assessments.**
- **Being absent for the review does not change the day you will take the assessment.** A calendar is provided for every unit with the assessment day given well in advance.

EXCESSIVE ABSENCES

A.R.S. §15-803 (B) states that absences may be considered excessive when the number of absent days exceeds ten percent of the number of required attendance days prescribed in A.R.S. §15-802. Ten percent equates to nine (9) days of absences per semester regardless of whether they are excused or unexcused. Students with excessive excused absences will be required to provide medical documentation to remain in class and excuse any further absences. If additional absences occur, and medical documentation is not provided, the student will be referred to administration.

IN PERSON TARDY POLICY:

- If you are late because another teacher needed to speak with you, **you must get a pass or you will be marked tardy.** You will not be allowed to return to that teacher for a pass after the fact.
- You are expected to be *in your seat* and ready for class to begin when the bell sounds. **1st tardy**= verbal warning; **2nd**= verbal warning; **3rd**= parent phone call; **4th**= 20 minute after school detention; **5th tardy and all others after**= referral to administration.

EXPECTATIONS/CONSEQUENCES:

- All school rules will be enforced. **(In Person and Virtual)**
- Respect each other, the teacher, and your surroundings through your words and actions. Obscene language (profanity), verbal abuse, or physical abuse towards anyone/anything will not be tolerated. **(In Person and Virtual)**
- Contribute to a positive learning environment. Be open-minded to your peers' ideas and questions and participate in class discussions (no sleeping!). Raise your hand; don't blurt out answers. **(In Person and Virtual)**
- Be prepared for class. This includes being in your seat on time (or logged into the goggle meet during virtual instruction) and staying in your seat until I (not the clock) dismiss you, having assignments completed, and having all materials necessary. **(In Person and Virtual)**
- No Phones, No iPods, No iPads, Headphones, etc. allowed in this classroom without permission. There is new research that states our ability to focus on a task reduces tremendously when we are trying to work on another task. In order to do well in class, you may not use your phone or headphones during class unless instructed by the teacher. **(In Person Only)**

- **Consequence:** I will take your phone or headphones away for the period if it is used during class. After the first offense it will be given to security.
- **No food or beverages (except bottled water) allowed in class. (In Person Only)**
- Go to the restroom before class! You will be allowed to go during class a maximum of two times per week with teacher's permission. **(In Person Only)**

SPECIFIC COURSE ACTIVITY: "Students will be able to..."

- Complete work as assigned
- Participate in: board/class/virtual discussions
- Submit assignments in Google Classroom with attached work unless otherwise directed
- Complete assessments
- Work with team members as directed

ACADEMIC INTEGRITY:

- The highest standards of academic integrity are expected from all students at all times, both in person and during virtual meetings.
- The failure of any student to meet these standards may result in disciplinary action.
- **Any assignments copied will be given a zero for ALL individuals involved!! This includes taking and receiving pictures of completed assignments.**
- Anyone caught cheating on an assessment will receive an automatic zero.
- **All cell phones and smart watches will be collected on assessment days and returned at the end of class. (In Person Only)**

GRADING:

● <u>Quarter Grades</u> —	Independent Work	15%	<u>Grading Scale</u>
	Assessments	85%	A = 90-100%
			B = 80-89.9%
● <u>Semester Grades</u> —	Semester	80%	C = 70-79.9%
	Final Exam	20%	D = 60-69.9%
			F = 59.9% ↓

- I use a semester gradebook. When checking infinite campus for your grade (on the app) you need to look in Quarter 2 for 1st semester and Quarter 4 for 2nd semester if you don't see the semester cumulative.

● **Independent Work:**

- **Google Slides:** when assigned must be submitted in Google Classroom with the appropriate work attached as instructed. **(In Person and Virtual)**
- **Edpuzzle:** video notes must be watched in full and the questions answered. Points will be given based on watching the entire video, answering all questions and attaching a PDF/image of the notes taken. **(In Person and Virtual)**

- **Notebooks:** will be graded 1-2 times per unit. All notes and activities with assigned pages will be attached or completed in the notebook. **(In Person Only)**
- **Participation:** grades will be based on student's behavior and attentiveness in class and following school and class rules. **(In Person Only)**
 - **Points will be deducted when students are being disruptive, have their phone out without permission, headphones out, sleeping in class and not completing tasks as directed.**
- **Assessments:**
 - **Web Work:** will be assigned weekly. The expectation is that all problems will be attempted before Thursday/Friday's class. Thursday/Friday during class or virtual meeting you will have an opportunity to ask questions, and correct any errors before the assignment closes at 11:59pm Sunday. **No Late Submissions Accepted (In Person and Virtual)**
 - **Google Forms (Quizzes):** when assigned must be submitted in Google Classroom with the appropriate work attached as instructed. **(In Person and Virtual)**
 - **Tests (In Person):** will be at the end of each unit.
 - **All** assessments must be completed in **PENCIL** by the end of the class period. No additional time will be given.
 - Students are not permitted to leave the room during their assessment. This means no restroom breaks. Students should utilize the restroom before the assessment begins or after they have submitted their assessment.
 - **Showing ALL your work that supports the correct answer** is required to receive **FULL CREDIT** on tests.
 - An **UNEXCUSED** absence on a test day will result in a zero for that score.
 - Anyone caught cheating will also receive an automatic zero. **All cell phones and smart watches will be collected on assessment days and returned at the end of class.**
 - **Tests (Virtual Instruction)**
 - All work must be shown in your own handwriting and attached in Google Classroom upon submission.
 - The test will open at 7am and close at 2:30pm on the day you would have virtual class time.
 - If completing the test during that time frame is going to be a problem you need to let me know **at least one day BEFORE** so alternate arrangements can be made.
 - Results will not be released until all tests have been graded, with answers verified against the work submitted, which usually takes 48-72 hours.

TUTORING:

- I encourage students to ask questions and seek extra help when needed. Office hours are listed at the beginning of the syllabus.

CHANGES TO SYLLABUS:

- Students will be notified by the instructor of any changes in the course requirements or policies.

Diversity Statement

All individuals have a right to an educational environment free from bias, prejudice and bigotry. As members of the Hamilton High School educational community, students are expected to refrain from participating in acts of harassment that are designed to demean another student's race, gender, ethnicity, religious preference, disability or sexual orientation.

Appropriate use of technology – board policy IJNDC-R:

The Governing Board intends that technological resources provided by the District be used in a safe responsible and proper manner in support of the instructional program and for the advancement of student learning. It is the policy of the Chandler Unified School District to maintain an environment that promotes ethical and responsible conduct in all electronic resource activities by staff and students. The District reserves the right to monitor use of the District's systems for improper use without warning or prior consent. Students shall be informed that computer files and electronic communications, including email, are not private and may be accessed by the District at any time. Inappropriate use may result in disciplinary action and/or legal action in accordance with the law and Board policy. Please visit the student handbook at <https://www.cusd80.com/handbooks> for further details about appropriate use of technology use.

DUAL ENROLLMENT

Course Objectives:

MCCCD Official Course Competencies

1. Find real and complex zeros of polynomial functions.
2. Calculate and interpret average rate of change.
3. Determine the inverse of a relation when represented numerically, analytically, or graphically.
4. Analyze and interpret the behavior of functions, including domain and range, end behavior, increasing and decreasing intervals, extrema, asymptotic behavior, and symmetry.
5. Determine whether a function is one-to-one when represented numerically, analytically, or graphically.
6. Determine whether a relation is a function when represented numerically, analytically, or graphically.
7. Graph polynomial, rational, exponential, logarithmic, power, absolute value, piecewise-defined, and trigonometric functions.
8. Perform operations, including compositions, on functions and state the domain of the resulting function.
9. Solve polynomial, rational, exponential, logarithmic, and trigonometric equations analytically and graphically.
10. Use transformations to graph functions.
11. Communicate process and results in written and verbal format.
12. Compare alternative solution strategies.
13. Justify and interpret solutions to application problems.
14. Model and solve real-world problems.
15. Read and interpret quantitative information when presented numerically, analytically, or graphically.
16. Find and evaluate inverse trigonometric functions.
17. Use the definition and properties of trigonometric functions and formulas to solve application problems.
18. Verify trigonometric identities.

Academic Misconduct (from CGCC's Student Handbook)

A. Academic Misconduct - includes any conduct associated with the classroom, laboratory, or clinical learning process that is inconsistent with the published course competencies/ objectives and/or academic standards for the course, program, department, or institution. Examples of academic misconduct include, but are not limited to: (a) cheating and plagiarism (including any assistance or collusion in such activities, or requests or offers to do so); (b) excessive absences; (c) use of abusive or profane language; and (d) disruptive behavior.

B. Cheating is any form of dishonesty in an academic exercise. It includes, but is not limited to, (a) use of any unauthorized assistance in taking quizzes, tests, examinations, or any other form of assessment whether or not the items are graded; (b) dependence upon the aid of sources beyond those authorized by the faculty member in writing papers, preparing reports, solving problems, or carrying out other assignments; (c) the acquisition, without permission, of tests or other academic material belonging to or administered by the college or a member of the college faculty or staff; and (d) fabrication of data, facts, or information.

C. Plagiarism is a form of cheating in which a student falsely represents another person's work as his or her own – it includes, but is not limited to: (a) the use of paraphrase or direct quotation of the published or unpublished work of another person without full and clear acknowledgment; (b) unacknowledged use of materials prepared by another person or agency engaged in the selling of term papers or other academic materials; and (c) information gathered from the internet and not properly identified.

Any student found by a faculty member to have committed academic misconduct may be subject to the following academic consequences, based on the faculty member's judgment of the student's academic performance

Warning - A notice in writing to the student that the student has violated the academic standards as defined in 1.A.

Grade Adjustment - Lowering of a grade on a test, assignment, or course.

Discretionary assignments - Additional academic assignments determined by the faculty member.

Course Failure - Failure of a student from a course where academic misconduct occurs.

Information Regarding Counseling Services

Counseling Services at CGCC offers free, confidential individual counseling for academic, career, and personal goals. Connections with community resources and referrals are also available. Please see

<http://www.cgc.edu/counselingservices>.

Information on Learning Center

The Learning Center provides free tutoring, workshops, and other resources for many CGCC courses at both the Pecos campus (Library 2nd floor) and the Williams campus (Bridget Hall). For more information, please visit

www.cgc.edu/lc or call 480-732-7231.

Activate and Access Your Maricopa Student Email

The Maricopa District provides every student with google-powered Maricopa Student Email upon enrollment. CGCC uses this official student email to send information concerning class enrollment, financial aid, tuition, and other important student information. Students must activate this email account in order to receive these messages. Activate your Maricopa Student Email now at <http://google.maricopa.edu>