AP Calculus BC
Perry High School
Course Syllabus 2020-2021
Course and Instructor Information

Instructor	Thomas Rothery	*Office Hours*	Before School or After School
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COURSE DESCRIPTION: AP Calculus AB/BC is a mathematics course designed for students of high math ability who have completed Honors Pre/Brief Calculus or AP Calculus AB. New topics covered will include: Limits and Continuity, Differentiation and Applications, Integration and Applications, Integration Techniques, and First-Order Differential Equations, Polynomial Approximations and Series including: Geometric Series, Harmonic Series, tests for Convergences and Diverges, Taylor Series, and Maclaurin Series. Students are expected to take the AP Calculus BC Exam on Tuesday, May the Fourth (Be With You!), 2021.

TEXT: *Calculus*: Early Transcendental Functions*,* 6th Ed., Larson and Edwards, Cengage Learning, 2015.

GENERAL COURSE REQUIREMENTS: Your grade in this course will be derived from the following:
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 a number of days' instruction missed. Online Tests will be announced and must be taken at the assigned time and class period. Tests are worth 100 points each. Please contact me if there is a conflict for a scheduled assessment.

2.   **Quizzes**: Quizzes will be given with regularity. Make-up quizzes will be given in the same manners as tests. Quizzes are worth 50 points each.

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 5-10 points each. Homework must be completed on loose-leaf paper and must be done in pencil. Until we meet face to face, students will submit homework by taking photos of their work, and then uploading them to Google Classroom Assignments.

4.   **Materials and Tardies**:   Each student will begin the semester with 50 points. For each day that the student is tardy, has an unexcused absence, or forgets his/her materials, 2 points will be deducted from the original 50 points. At the end of the semester, a score out of 50 points will be averaged into the student's grade.

5.   **Projects**:   Projects will be given throughout the year and are worth 250 points.

6.   **Quarter Grades**: The quarter grade will be based on the percent determined by the number of points earned divided by the number of points possible.

Grading Scale:	90-100%	A
	80-89%	B
	70-79%	C
	60-69%	D
	0-59%	F

7.   **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-8%, Quizzes, Tests, and Projects 72%, and the Semester Exam-20%).

8.   **Extra Credit**:   Students receive 1 point extra credit each time they go to the board and correctly explain a problem to the class.

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**: 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.

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**: The course will heavily use Texas Instruments graphing utilities. It is highly recommended that you have access to TI-84 Plus CE Graphing Calculator.
4. **Textbook**: Either a hard copy or a digital copy textbook will be provided to you.

DIGITIAL RESOURCES:

1. **Internet Access**
2. **Personal Electronic Device** (laptop, desktop, smart phone)
3. **School Provided GSE Account**: gives access to GSuite Apps and Google Classroom (S+ID#@gse.cusd80.com) If you need help with understanding the functionality of the platform, please see the help desk here: https://support.google.com/edu/classroom/?hl=en#topic=9050121
4. **School Provided Microsoft Outlook Account**: (S+ID#@cusd80.com)

If you have any difficulty procuring these materials, please let me know so that I can provide you with the resources you need.

RULES AND EXPECTATIONS FOR GOOGLE MEET:

1. Privacy: do NOT save, record, screenshot, photo, share, or post ANYTHING from our meeting. Do not invite anyone else or change the name.
2. Audio/Video: please MUTE your mic and TURN OFF your camera unless told to do otherwise. If you have questions, you may ask them in the chat feature, as long as they pertain to our lesson. If you have a private question, please email me. If you will be on camera for any reason, please adhere to school dress code guidelines.
3. Citizenship: follow all rules and expectations you would normally follow in school. This includes respect for others and following dress code if asked to be on screen. Inappropriate behavior, either visually or in messaging, will not be tolerated and will result in disciplinary action.
4. Chat feature: only use the chat feature to ask a lesson-pertinent question or when directed to do so. This is NOT the place to say hello to your friends or to post inappropriate comments.

Participate: turn off other distractions (music, Netflix, etc.) Pay attention. Stay focused. Participate!

ATTENDANCE

Per district guidelines, "Attendance is based on engagement, rather than minutes." A student who is not present for live instruction, but completes the assignments assigned during daily instruction will be marked "present." A student who attends live lessons, but does not complete the daily assignments, will also be marked "present." Students have 24-48 hours (until the next class meeting) to complete daily assignments. If a student does not attend live meetings AND does not complete the daily assignment will be marked "absent." please allow for 48 hours for attendance to be taken. This process is new for all of us and we appreciate your patience as we navigate the new procedures.

Promptness is a quality that is absolutely necessary for success in school and at work. Students are expected to be online at the start of class and remain an active participant for the allotted lesson/class hour when possible. It is expected that students attend and participate in live instruction during their specified class hour or complete assignments daily. If there is any difficulty with attending class at the specified time or completing assignments in the allotted time frame, please contact me ahead of time. This attendance policy is subject to change.

MISCELLANEOUS:

1.	**Progress Reports**: Are sent home at the end of each four weeks through Infinite Campus.
2.	**Cheating/ Plagiarism**

Any student caught cheating, including digitally or via social media, (giving or receiving answers/work) will receive a zero on the assignment. These infractions are taken **VERY** seriously and will not be tolerated. This includes texting someone answers and other forms of digital sharing. In accordance with the Perry Student Handbook:

"Copying the work of another person and submitting it as your own, obtaining unauthorized or undocumented material from the Internet or other sources, or securing teacher materials or work in a dishonest or unauthorized way are all considered cheating. Allowing another student to copy your work is considered cheating."

Using unapproved internet sources during online quizzes, assignments, and assessments are also strictly prohibited.

First Offense: A zero on the assignment, a referral to the administration, possible ISS/OCS, contact home.
Second Offense: The student will be dropped from the class with an "F".

3.	**Tests/Quizzes**:	The instructor will keep all tests and quizzes.
4.	**Conference Hours**:	Before school or after school. Until we meet Face to Face, I will be available 2:14 pm to 3:00 pm each day, as well as during class from 10:45 am to 11:45 am. Please contact me via e-mail if you would like to use Google Meets to communicate.

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.

If you plan to register for the AP Calculus BC exam on **May 4, 2021**, you must do so by **October 26, 2020**. AP CLASSROOM JOIN CODE: EZGJ6M

CGCC Dual Enrollment Information
www.cgc.edu/dual

AP Calculus BC	Thomas Rothery	Period 3	Calculus w/ Analytical Geometry I	MAT221	Fall	16117	4	MAT 187 or Accuplacer Score 276	MA
			Calculus w/ Analytical Geometry II	MAT231	Spring	15508	4	Complete MAT 231 with grade C or Better.	MA

- **COMPLETE REGISTRATION IS DUE BY SEPTEMBER 6, 2019**

- **CGCC Registration Fees are due on September 16, 2019**

Instructions for Enrollment in Remind
It is highly suggested that both students and parents/guardians sign up for these text message reminders.
Please find your specific class hour and join our Remind class. CLASS NAME: Calcbc CLASS CODE: @9ccf32

AP Calculus BC
ACKNOWLEDGEMENT

I UNDERSTAND THE ABOVE RULES AND REGULATIONS.

STUDENT NAME _____

STUDENT SIGNATURE _____ DATE _____

PARENT/GUARDIAN NAME _____ DATE _____

PARENT/GUARDIAN SIGNATURE _____

PARENT/GUARDIAN CONTACT INFO:

        Home Phone Number: _____

        E-mail: _____

        Cell: _____