

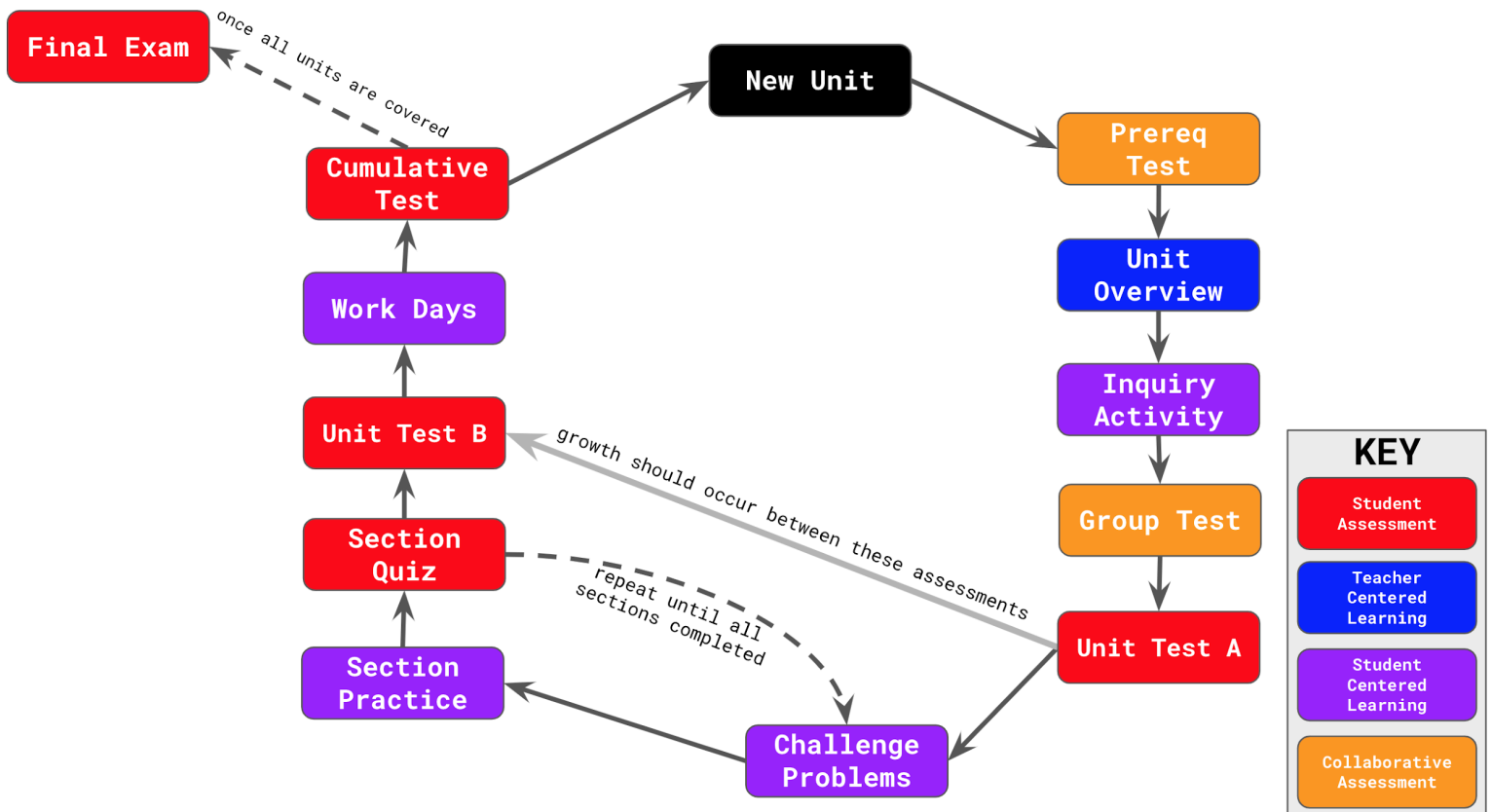
AP Calculus 1

Syllabus

- **Teacher** - Christopher Ozarka
 - Contact
 - christopher.ozarka@bps101.net
 - 630.937.8966
- **Course Description**
 - Calculus 1 is equivalent to the content in the first course of a three semester college calculus sequence.
 - The course makes regular use of the graphing calculator to make technology an integral part of the problem solving process.
 - Topics include limits, differentiation, applications of differentiation, integration, applications of integration, and transcendental functions.
 - Students enrolled in this course will have the option to receive Dual Credit for this course from Waubesa Community College.
 - This course is the equivalent of MTH 131 at WCC and is an Illinois Articulated Course.
 - Students and parents pursuing Dual Credit should confer with their potential college choices about the transferability of this course.
 - AP
 - The AP section prepares students to take the AP Calculus AB test.
 - The AP level course is for the student who shows outstanding mathematics ability and is willing to be challenged to think critically.
- **Prerequisite**
 - Precalculus with Trigonometry Honors (with a grade of A or B)
- **Required Materials**
 - TI-84 or equivalent graphing calculator
 - Paper
 - Pen
 - Headphones
- **Course Fee**
 - A fee will be assessed should the student elect to pursue dual credit: \$48
- **Textbooks/Reference Sources**
 - mrozarka.com
 - *Calculus of a Single Variable*, Brooks/Cole. Textbooks will be used on an as needed basis and can be checked out.
- **Grading**
 - Grades are based on cumulative exams given throughout the semester. Exams build off each other after each unit leading to the final exam. The most recent exam grade represents the grade in the class.
 - Teacher Discretion - If a grade is close to being bumped up to the next highest grade, I will have the authority to raise it. In order to allow this, students must have shown an excellent use of mathematical practices throughout the class.
 - Remediation - Students will be able to take the final exam three times.
- **Special Dates**
 - AP Calendar - <https://home.mrozarka.com/calculus/ap-calendar>
 - Non-AP Calendar - <https://home.mrozarka.com/calculus/non-ap-calendar>
- **Units/Key Course Standards**
 - Limits
 - Differentiation
 - Applications of Differentiation
 - Integration
 - Applications of Integration
- **Extra Help**
 - Please let me know if you need extra help ahead of time. Alternatively, you can make an appointment to see me during my plan period. Parents and students are encouraged to email me at any time with any concerns.
 - I am extremely giving of my time with students. If you ever need to meet before school, after school, or during lunch, please let me know and I will do my best to accommodate your needs.

AP Calculus 1 Syllabus

- Course Plan



- [BHS Academic Dishonesty Policy](#)
- [BPS Homework Policy](#)
- [BPS Grading Policy](#)
- BARK**
 - While students are graded on their academic achievement, students and parents also receive feedback on classroom behaviors and responsibility. While these behaviors are not graded, we believe that constructive feedback should be given. This feedback is called our BARK rating. More information is available on the BHS website.
- Student Expectations for this Course**
 - Asks questions when needed
 - Learn key terms
 - Study concepts
- Characteristics of Successful Students in this Course**
 - Inquisitive
 - Hardworking
 - Disciplined
- Teacher Expectations for this Course**
 - Getting students to think
 - Answering questions