

Course Syllabus
North Atlanta High School
AP Calculus AB
2019/2020 School Year

TEACHER INFORMATION

Teacher: Mr. D. Ehrman

E-mail: dpehrman@atlanta.k12.ga.us

Web Page: <http://ehrman.weebly.com/>

Sign up for text/email reminders: [Send a text to 81010 containing the class code @abcalcs](#)

Room: 8117

Phone: 404-802-4700

Tutorial Day: 3:50 – 4:50 (most days☺)

Please read this statement and note your agreement on the signature form provided to students in class:

As a stakeholder (parent and student) of North Atlanta High School, I will adhere to the academic honesty policy provided in the handbook and consistently and frequently monitor Infinite Campus for attendance and academic performance.

Prerequisites: Successful completion of PreCalculus with a 90% or above.

II. COURSE DESCRIPTION AND OBJECTIVES

This course will follow the College Board Advanced Placement Curriculum for Calculus AB. The purpose of the course is twofold. First, the student will master selected concepts and methods from calculus; the scope will be approximately equivalent to a one-semester college course in calculus. Second, the student will prepare themselves to pass the AP Calculus AB exam. As a result, the course will seek to balance conceptual understanding, computational skills, and the utilization of technology.

III. MATERIALS

Students are required to bring the following to every class:

1. 3 ring binder (at least 1 ½ inch)
2. Loose-leaf paper
3. Spiral Notebook (suggested)
4. Sharpened Pencils
5. Graphing Calculator (TI-84 recommended or TI-Nspire CX)

IV. COURSE CONTENT STANDARDS

A list of content standards, based on the College Board course description and developed by the teacher, will be used to guide instruction and assessment in the course. The course will also follow the Georgia Program Standards for Gifted and High Ability Learners as outlined by the GA DOE Board Rule 160-4-2-.38 and listed below.

- **Advanced Communication Skills:** Learners will engage in diverse and authentic learning experiences which will allow them to develop and apply innovative oral, written, visual, and nonverbal communication skills across disciplines.
- **Advanced Research Skills:** Learners will gather, decipher, and determine credibility of information from a variety of sources and integrate information through analysis of content.
- **Creative Thinking & Problem Solving:** Learners will insightfully evaluate a variety of problems and arrive at innovative conclusions.
- **Higher Order & Critical Thinking Skills:** Learners will analytically critique a system or set of complex ideas, utilizing logic and reasoning skills in novel ways, to create and/or modify knowledge.

V. GRADING POLICY

A. Weights:

<u>Summative Assessments</u>	45%
Common Assessments, Unit Tests, Midterm Exam, Major Assignments, Projects	
<u>Formative Assessments</u>	45%
Homework checks, classwork, quizzes, minor assignments	
<u>Final</u>	10%
Final Exam	

B. APS Grading Scale:

A	90-100	B	80-89	C	70-79	F	0-69
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C. Homework

- Students will be assigned HW daily and solutions to this HW will be provided for students to check their progress and success. It is expected that students complete this daily HW as problems on quizzes and tests mirror HW and notes.
- HW checks will occur regularly throughout the semester.

VI. CLASSROOM POLICIES**A. Classroom Expectations:**

1. **Be Prepared and on Time.** Be in your seat with all your supplies ready to learn when the bell rings.
2. **Participate.** Participate in all classroom activities and discussions.
3. **Complete all assignments.** You won't be able to keep up with the pace of the course if you don't!
4. **Maintain an organized math notebook.** Take daily notes in your spiral notebook or organized looseleaf paper.
5. **Take Pride in Your Work.** Be proud of what you accomplish, work hard, and do your best work - all with a positive attitude. Also - always exercise academic honesty and **DO YOUR OWN WORK!**
6. **Challenge Yourself.** Don't give up when the work is difficult. Willingly attempt to understand and solve all problems.
7. **Be a Team Player.** Work together towards success for every member of our class. Please offer assistance to those who need it and do not be afraid to ask for help.
8. **Be Kind and Courteous.** Negative comments, put-downs, and talking while someone is speaking will not be tolerated. Demonstrate respect for yourself and others.
9. **Make sure all electronic devices are turned OFF.** This includes cell phones, ipods, MP3 players, cameras, etc.
10. **Leave all food and drinks outside the classroom.** Only water in a clear container will be allowed in the classroom.
11. **Abide by all the policies outlined in the North Atlanta Student Handbook.**

B. Notebook

You are encouraged to keep an organized 3 ring binder for this class. It should be divided into sections by units. A spiral notebook can come in handy to take notes that don't fit within the confines of any guided notesheets that I give you.

C. Attendance/Absences

- * You are responsible for reading and following the school's attendance policy as stated in the student handbook.
- * **For one-day absences:** on the day you return you should:
 1. Find out what you missed from your classmates and check with me for any missed sheets (or print from website).
 2. Copy any missed notes from a classmate.
 3. Complete any missed assignments by the next class period along with the current assignment.
 4. Take any test given on the day you were absent.
- * For any lengthy or known absence, see me to decide on a make-up schedule. All work, including tests and quizzes **MUST** be made up within two days upon return.
- * **Unexcused absences** will result in an immediate disciplinary action.
- * **Field Trips:** For any school field trip, college visit, special assembly, or anything that voluntarily take you out of my class, come clear it with me **BEFORE** the absence. This merely ensures that you minimize the impact the trip has on your success in my class.