

# AP Calculus AB

**Text:** Calculus of a Single Variable  
Larson, Hostetler, Edwards  
<http://www.calcchat.com/>

*\*app on your phone*

## **Course Content**

Topics for this course are defined by the College Board and correlated with the Florida Sunshine State Standards. The Calculus AB exam covers differential and integral calculus topics that are typically included in introductory calculus courses at the college level. Calculus is the culmination of all the mathematics students have done in high school. In May, the Advanced Placement Exam will be given. If student successfully passes the exam they may, depending on their grade and the college of their choice, receive college credit for Calculus I.

### **Classroom supplies:**

- ✓ Highlighter, colored pens
- ✓ 1 ½ inch 3-ring binder for notes and homework
- ✓ graph paper
- ✓ Pencils

### **Calculator Required:**

TI-84 CE, these are the only calculators permitted on AP test as well as teacher assessments.

### **Teacher Wish list:**

- Blue pens
- Green pens
- Scotch tape
- Wooden Pencils
- Graph paper

# **E V A L U A T I O N**

## **Criteria for Evaluation**

### **Formative Assessments:**

- Class activities
- Quizzes
- Homework

**25%**

### **Summative Assessments:**

- Unit Tests
- projects

**75%**

### **Cell Phone Policy**

Due to distractions, cell phones will be placed in the appropriate spot during class.

**Attendance/Makeup**

Students are expected to be present, on time, and prepared for each class. Students are also expected to act in a manner that is conducive to learning. It is the student's responsibility to check with the teacher to schedule makeup work on the day the student returns to class after an excused absence. Students attending field trips must get homework **prior** to their absence and any missed assignments must be turned in **the day** they return.

### Cheating

Cheating/Plagiarism -cheating is the unauthorized use of notes or other forms of assistance (like the internet or cell phones), including electronic devices, to complete a test or assignment; and plagiarism is the unauthorized use of another person's work and calling it one's own. This includes students who let other people cheat off of their paper! Cheating is a level two offense and will result in a zero for the assignment as well as a referral and will be reported to any National Honor Society and Coaches

## AP Exam Format

	<u>% of Grade</u>	<u>Number of Questions</u>	<u>Minutes Allotted</u>	<u>Calculator Use</u>
<b><u>Section I</u></b>	50			
Part A		30	60	no calculator
Part B		15	45	graphing calculator required
<b><u>Section II</u></b>	50			
Part A		2 problems	30	graphing calculator required
Part B		4 problems	60	no calculator

## AP Calculus: Acknowledgement of Syllabus

By signing below I acknowledge that I have read the above syllabus and agree to the high expectations needed to be successful in AP Calculus course.

\_\_\_\_\_  
Student Signature

\_\_\_\_\_  
Date

\_\_\_\_\_  
Parent/Guardian Signature

\_\_\_\_\_  
Date

Parents/Guardians: Please update your email address in Eschool Plus (HAC) so that I can use it to send you updates, newsletters and anything else that may arise. I email my parents and students often to keep communication open. Also, please feel free to email me any time.