

# AP Calculus AB

## 2020 – 2021 Course Syllabus

Ms. Lei  
Room: 3222

Dear Students,

Welcome to AP Calculus AB! I look forward to an exciting and memorable year with you. Calculus, often called the "Mathematics of Change", has applications in numerous disciplines from physics and engineering to economics and medicine. My goal this year is to not only help you pass the AP Calc Exam in May, but also improve your ability to think abstractly and mathematically so that success in this course carries over to studies in higher education. To ensure your success in this class, please acquaint yourself with the following guidelines:

### I. Expectations

- Be kind to yourself and others
- Approach every challenge with a growth mindset and a positive attitude
- Respect our time together
- Take pride in your work

### II. Student Conduct

- A. Before class begins
  - 1. Have book, computer, paper and calculator ready. Sharpen pencils if you need to.
  - 2. Cell phones and headphones must be on silent/off and removed from the work area.
  - 3. Home Learning (HL) folders will be handed out. Place last night's HL in the folder to be collected and remove graded materials.
- B. Live virtual sessions
  - 1. Turn on camera for the full duration of meeting.
  - 2. Keep microphones muted unless you have a comment or question.
  - 3. Understand that virtual platforms are not private. Exercise discretion when making posts/comments online.
  - 4. Wear school uniforms during live sessions. No uniform results in a uniform violation for that day.
- C. While teacher is talking
  - 1. Listen to explanations.
  - 2. Take clear and concise notes (you will need them later).
  - 3. Do not disturb your neighbor.
  - 4. Raise your hand to answer and ask questions.
- D. Hall Passes
  - 1. Bathroom passes will be granted only in emergencies. Sign out with your name, date and time left/returned on the bathroom sign out sheet when you leave.
  - 2. NO passes the first/last 15 minutes of class.
  - 3. Only one student is allowed out at a time.
  - 4. Always ask for permission to leave the class.
- E. Exiting the classroom
  - 1. Double check you have written down the Home Learning.
  - 2. You are responsible for keeping the classroom neat for the next period. Please throw away trash.
  - 3. Return all textbooks and turn in your HL folder if you have not done so already.
  - 4. Remain seated until the teacher dismisses the class.
- F. Failure to abide by the above guidelines will result in the following:
  - 1. Drop in participation points
  - 2. Lunch detention
  - 3. Phone call home
  - 4. Referral

### III. Materials

- 3-ring binder or notebook with dividers as follows: 1. Warm-Ups 2. Class Notes 3. Home Learning  
Loose leaf paper, pencil and red pen for corrections  
A TI-Nspire or TI- 84 graphing calculator (90 day trial: <http://ti-enews-education.ti.com/Nspire-teacher-software>)

#### **IV. Academic Policy**

##### ***Grade Distribution***

Home Learning	10%
Class Work	20%
Quizzes/Projects	30%
Exams	40%

##### ***Scale***

90 - 100%	A
80 - 89%	B
70 - 79%	C
60 - 69%	D
50 - 59%	F

***\*\*Show all work on assignments and exams. Remember: No Work Means No Credit!\*\****

##### ***Academic Integrity***

Cheating on exams and quizzes are STRICTLY FORBIDDEN and will result in an automatic "F".

##### ***Home Learning***

An essential part of your success in this course and beyond, HL provides you with an excellent opportunity to practice with new material covered in class. HL is graded on a four-point scale. Up to three points may be deducted for an incomplete assignment, and one point is deducted for late assignments. To receive FULL credit for a HL assignment, you must:

1. Show ALL supporting work if it is a written assignment. Remember, your work is evaluated during the AP exam.
2. Complete/submit the entire assignment on time. Late work is accepted for a grade lower.
3. HL assignments are checked for completion and correctness.
4. Submit assignments to me through the Assignment tool on K12 or under Assignments on Teams, unless they are scored by the computer. Assignments sent by e-mail will not be accepted unless you've made prior arrangements with me.

##### **V. Attendance/ Tardies**

1. Cameras must be on for attendance to be taken. You will be marked absent if you complete daily assignments but do not log into live sessions.
2. You will be marked tardy if you are not present at the moment attendance is taken.
3. All work missed during an excused absence may be made up. Time allowed for making up work depends on the number of days absent. It is your responsibility to check assignments on the student portal for make up work.
4. If you are absent on an exam day, you must present a permissible admit in order make up the exam.
5. Ten unexcused absences will result in an NC (NO CREDIT) grades in an annual course, five in a semester course.
6. PLEASE BE ON TIME. If the door is closed, you need to obtain a pass from either the office (for 1st period) or from your previous teacher.
7. Excessive tardies (5 or more per nine weeks, both excused and unexcused) will result in either a phone call home or a referral.

**Note:** Attendance is extremely important for your success in AP Calculus. If for any reason you are absent (including Field Trips, Practices, Rehearsals, etc.), it is your responsibility to obtain class notes from a classmate and make up ALL missed assignments. It is also your responsibility to check the calendar and acquire any handouts or assignments that might have been distributed. I strongly urge you to not be absent for this math class because catching up can become an overwhelming process.

##### **VI. Contact Information**

The best way to contact me is via e-mail at: [jlei.studio@gmail.com](mailto:jlei.studio@gmail.com)

Google Voice: (786) 248 – 1795

Class website: [leisdsh.weebly.com](http://leisdsh.weebly.com)

Remind: text the code @bef334f to 81010

I will also be arranging optional (but highly recommended!) tutoring and review sessions in the weeks leading up to the AP Exam. Stay tuned! I hope you will have a productive year, and I'm excited to get to know each and every one of you!

Sincerely,  
Ms. Lei

# Virtual Tools

**Remind:** text the code **@bef334f** to **81010**

**Email:** [jlei.studio@gmail.com](mailto:jlei.studio@gmail.com)

**Website:** [leisdsh.weebly.com](http://leisdsh.weebly.com)

**Calculator Trial (TI-Nspire):** <https://education.ti.com/en/downloads/trial-software>

## Virtual Platforms:

1. **AP Classroom** (You MUST join to sign up for AP exam!)

<https://apstudents.collegeboard.org/join-your-class-online>

Period 1 Join Code: YN6QJ7

Period 3 Join Code: 4PN6J4

Sign in to: <https://myap.collegeboard.org> and enter join code

2. **Microsoft Teams**

Login through student portal using [StudentID@students.dadeschools.net](mailto:StudentID@students.dadeschools.net)

Quick Guide here:

<http://distancelearning.dadeschools.net/downloads/Microsoft%20Teams%20for%20Students-Quick%20Start%20Guide.pdf>

3. **K12 - My School Online**

4. **Edpuzzle**

<https://edpuzzle.com/join/purrafi>

Join Code : **purrafi**

5. **Desmos**

<https://student.desmos.com/>

6. **Nearpod**

<https://nearpod.com/>

7. **Kahoot**

<https://kahoot.it/>

***Please return signed contract by \_\_\_\_\_***

To be filled out by students:

I, \_\_\_\_\_, have read the AP Calculus guidelines and expectations, and have discussed them with my parents. They were also explained to me by my teacher. I understand that meeting expectations, following the instructions, and abiding by the rules in this class is of utmost importance to my learning in this course. I intend to put forth my maximum effort to comply with these guidelines in a respectful manner, understanding my success depends mainly on disciplined work ethic and a positive attitude.

Student Signature \_\_\_\_\_ . Date \_\_\_\_\_ .

To be filled by parent(s) or guardian:

Dear Parents,

A productive and exciting school year lies ahead of us. Your support is always greatly appreciated, and I hope to be in touch with you throughout the year. Should you have any questions, please feel free to e-mail me at [jlei@dadeschools.net](mailto:jlei@dadeschools.net), or call at **(786) 248 – 1795**.

Parent(s) or guardian name: \_\_\_\_\_

E-mail: \_\_\_\_\_

Home Phone #: \_\_\_\_\_ Cell Phone #(if different): \_\_\_\_\_

*Please also indicate your preferred form of contact.*

Parent (Guardian) Signature \_\_\_\_\_ . Date \_\_\_\_\_ .