

Ms. Klug's AP Computer Science Principles Course Syllabus 2019-2020

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Welcome to AP Computer Science Principles! We will have a full year of exploring some of the fundamental topics of computer science. We are going to work hard at the college level, learning about the Internet, data, programming, algorithms, and much more!

What to Bring to Class Everyday:

- APCSP Binder/Folder
- APCSP Notebook
- Pencil, pen

Resources: We will be using the code.org APCSP curriculum, here is a link to a detailed syllabus

- <https://code.org/files/CSPSyllabusMay2018.pdf>

Note on the book: The following link gives access to a free copy of a book we will be using as a resource: <http://www.bitsbook.com/>

Expectations:

- Follow all of the BHS rules and policies in the classroom
- *Be respectful others:* In my class respect and participation are expected. Bring a positive attitude to class. Please be patient with your fellow students. Listen to their opinions. Allow them to complete their ideas during discussions.
- *Be respectful of property:* The equipment in the classroom is for everyone's use, and therefore must not be treated as your own individual property. Please cheerfully comply with rules about not eating and drinking in class (you may bring a water bottle to class).
 - Personal electronics are not to be seen or heard in my classroom, unless I give **specific permission** to use them. If an electronic becomes a distraction during class I will hold on to the device until the end of the class period (or school day).
 - **Cell phones will be collected daily** in a specified location unless otherwise told by myself.
- *Be respectful of authority:* My rules are (hopefully) not randomly created or enforced. While I may not be able to explain the reasoning behind my rules at the time of enforcement, I am always willing to discuss my rules before or after school. In the meantime, I expect you to obey all class rules without argument.
- *Have integrity:* Integrity means "uprightness of character" or "honesty". I expect each student to show integrity. Students should only submit their own work. Do not share your passwords and PINs, and do not ask your classmates for theirs.
 - **ALL code and/or resources you did not create yourself MUST be properly cited**
- *Be responsible:* It is crucial that you come to class with all class materials (listed above) as well as the homework due that day. This way you are prepared to participate, can take notes, organize your work, and have materials needed for group work. Be on time, be prepared, and reach out for help as soon as you start to struggle.

Assignments: Assignments will be completed daily.

- Students will have an account through code.org as well as Google Classroom where some assignments will be completed.

- Other assignments will be written/typed and turned in

Projects/Tests/Quizzes: These are designed to assess your mastery of the skills practiced on homework assignments.

- *Planned Absence:* Make arrangements with me to take the test/quiz **before** you leave
- *Unplanned Absence:* Email me that day about the absence to come up with a plan for making up the test/quiz. Otherwise, expect to take the test during class the following day. You will be responsible for making up any missed work on your own time.
- *Absence During Review Day:* If you miss a review day, you will be expected to take the quiz or test with the rest of the class, as no new material will be covered. All reviews will be on my website, so make sure you access them to help you prepare.

Absences:

If you have an excused non-school related absence, you have one extra day per absence to make up the work (Example: if you miss class Monday and come to school Tuesday, the work is due on Wednesday). It is your responsibility to find out what you missed on my website. You can also look online at the website to find the homework assignment and class notes. If you have a **school-related absence, it is your responsibility to come to class the next day fully caught up with the missed class.** This will be done by communicating with Ms. Klug **two days prior** to a school-related absence. Of course, I am available for questions to clarify any missed concepts.

Grading:

Letter Grade	Percentage	Letter Grade	Percentage
A	93.5 - 100	C	72.5 - 76.49
A-	89.5 - 93.49	C-	69.5 - 72.49
B+	86.5 - 89.49	D+	66.5 - 69.49
B	82.5 - 86.49	D	62.5 - 66.49
B-	79.5 - 82.49	D-	59.5 - 62.49
C+	76.5 - 79.49	E	Below 59.49

The AP® Part:

- This course has three parts that make up the total AP score if you decide to take the AP test:
 - Explore Performance Task – 16%
 - Create Performance Task – 24%
 - Multiple Choice Test – 60%
- Note: everyone will do the two performance tasks in class as graded assignments

Additional Help Available:

As you work on classwork and get “stuck,” first look at your notes. Make sure you give the work your best effort and don’t be afraid to make a mistake the first time. If you are still stuck:

- *Working with peers:* working with peers is key in this class, talking through the problem with a friend can help you both develop problem-solving skills.
- I am available most days before school for help. Let me know ahead of time when you want to come in and, if possible, I will make myself available during that time, otherwise I will work to help you find a time that works for both of us. I am always willing and glad to help, as I want all of my students to succeed in this class.
- I am also available for questions in class and by email; I will get back to you as soon as I can.

I look forward to a great year!