



AP Computer Science
Principles
August, 2020
Distance Learning/Hybrid
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AP Computer Science Principles introduces you to the foundations of computer science with a focus on how computing powers the world. Along with the fundamentals of computing, you will learn to analyze data, create technology that has a practical impact, and gain a broader understanding of how computer science impacts people and society. The AP CSP course is organized around seven BIG ideas, which are essential to studying computer science: I: Computing is a creative activity. II: Abstraction reduces information and detail to facilitate focus on relevant concepts. III: Data and information facilitate the creation of knowledge. IV: Algorithms are used to develop and express solutions to computational problems. V: Programming enables problem solving, human expression, and creation of knowledge. VI: The Internet encompasses modern computing. VII: Computing has global impacts. Students will be expected to connect computing to other disciplines, develop computational artifacts, use abstraction and analysis to develop models and problem solutions, and communicate their work as individuals and as team members

Course Expectations:

- ✓ **Students will adhere to OPUSD attendance policy.**
- ✓ Students are responsible for following all District, OPHS, and classroom rules and directions.
- ✓ Students will be using their school G accounts. DO NOT share this information with other students. Students will **not** be excused from assignments if the work "is lost" from the student's work folder. Students are responsible for their own folders and correct saving of their work.

Academic Honesty:

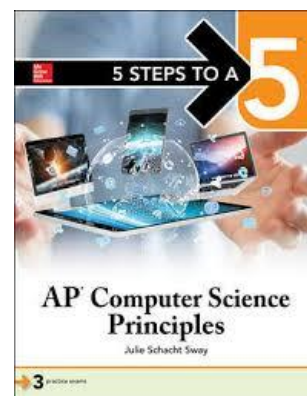
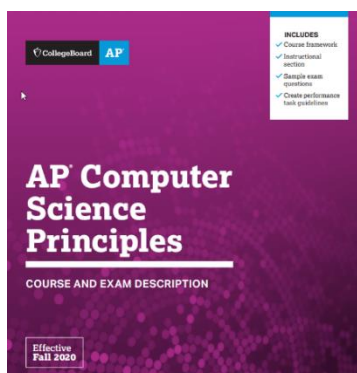
Students will not misrepresent class work, research assignments, class projects, examinations and homework assignments as their own, when in fact, they are the work of someone else.

Grading Policy:

Students will be graded on the point systems. Students will receive grades for their submitted assignments, lab work, quizzes, tests, individual and group projects. In addition, students will receive points for class participation, which includes ability to collaborate, behavior and cooperation. Grades will be posted on the District "Q" Website. Each student and family will have access to the student grade.

Make-up and Late Work Policy:

It is the student's responsibility to find out what she/he missed during their absence. Assignments are posted and updated on the Teacher website: <http://erikamerikaner.com>. Assignments will be accepted one week past the posted due date for one-half credit. After the past-due date, the student will receive a zero for the assignment.



[APCSP Guide \(260 pages\)](#) [Edhesive Learning Management Program](#)

Various Resources and on-line reading and research.

Parents and students are welcome to contact me anytime through email eamerikaner@opusd.org .

I will return your message as soon as possible. I look forward to working with your student this year.

Thank you. Mr. Amerikaner

Students will access classroom from Google Classroom and Gmeets. Please follow the directions below:

Assignment # 1

This is a graded assignment, worth 10 points.

1. From your **PRIMARY** Email address send an Email to: eamerikaner@opusd.org
2. In the Subject Line: **Your First and Last Name and Class Period-** For example: Steven Spielberg Period 3
3. In the Body of the Email: Three (3) complete sentences giving **your** goals for this class---What do you want to learn?

Assignment # 2

This is a grade assignment, worth 10 points.

1. Ask your **parents** to send an Email to: eamerikaner@opusd.org
2. In the Subject Line: **Student: First and Last Name and Class Period-**For example: Steven Spielberg Period 3
3. Please confirm you have reviewed the syllabus; student computer has access to correct software; **AND tell me THREE (3) wonderful facts about your student.**