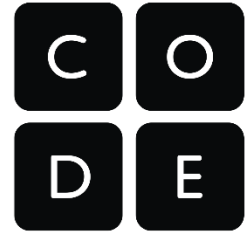




AP Computer Science
Principles
August, 2019
Mr. Amerikaner Room C-4
Year-long Course



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

Classroom Expectations:

- ✓ Students are responsible for following all District, OPHS, and classroom rules and directions.
- ✓ There is no eating, drinking (other than bottled water), gum, ball-caps in the technology lab. Personal music players and cell phones are to be turned off during class time.
- ✓ Please show courtesy to visitors, guest teachers, and professional speakers in the technology lab.
- ✓ Students will be assigned a username and password to use the lab computers. **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.
- ✓ Students are responsible for the proper use of the computers. Any misuse, vandalism or inappropriate use of the computers will result in the removal from the class. The teacher, administrators and District will discuss the consequences of these actions with the students and their parents.
 - **Consequences:**
 - First Offense- Verbal warning
 - Second Offense- Detention and call/note home
 - Third Offense- Referral for Administration Action

***** Disruptive behavior:** Fighting, profanity, defiance of authority will result in immediate removal from the class without warning or appeal. *******

Academic Honesty:

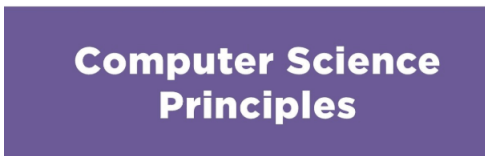
Students will not misrepresent class work, research assignments, class projects, examinations and homework assignments as their own, when in fact, they are the work of someone else.

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.



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

Return this page to Mr. Amerikaner by August 19, 2019

We have received and reviewed the AP Computer Science syllabus.

Student Name: _____ Period _____ Signature: _____

Parent Name: _____ Signature: _____

Parent Email: _____ Day Telephone: _____

Additional parent comments or questions:

Thank you.

This is a graded assignment, worth 10 points.

I will develop a class Email list to distribute messages and class notes. Please follow the directions below:

Assignment # 2

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 # 3

This is **EXTRA** Credit worth 10 points.

Ask your **parents** to send an Email to: eamerikaner@opusd.org

In the Subject Line: Student: First and Last Name and Class Period-
For example: Steven Spielberg Period 3

In the Body of the message, tell me something wonderful about your student.