



Deer Valley Unified School District

Eric Axelrod
Voice Mail #602-476-6537
eric.axelrod@dvusd.org
<https://desertsky.dvusd.org>

Room #240

Computer Science I & II (Coding)

Course Description:

In this course students will interact with both computer science content and computational practice. Student will utilize a variety of tools/platforms and culminate each unit with final projects around the following topics: human computer interaction, problem solving, web design, programming, and computing. The course design requires use of laptops or desktop computers (one-to-one student to device ratio is needed for 100% of the course).

Course Objectives:

By the time the student completes this course of study, the student will know or be able to:

- Use block coding to create different animations and stories, program drones, and incorporate engineering.
- Use HTML computer language to create simple web pages.

Lesson Plans

Lesson Plans will be placed on my teacher website located at the following web address.
<https://www.dvusd.org/Page/66384>

Classroom Rules and Consequences:

Classroom Rules:

- Food and drinks are not permitted in the classroom, except for water.
- Electronic devices are not to be visible or used in the classroom, unless for instructor approved academic tasks. This includes phones. Headphones and Earbuds may only be used for learning purposes.

-Misuse of classroom supplies will result in the removal of the student from any hands on activities. Alternate learning will be provided in the form of readings and alternate assessments will be given in the form of essays.

-Students must remain on task during the class period. If a student is frequently off task, a call will be made to the parents. If the off task behavior persists, the student will be removed from their devices and given paper/pencil work of the same content.

Grading:

In class projects – (Assessments) 65%

Several projects will be completed throughout the quarter. These projects are used to assess the students learning.

In class assignments – 35%

Several small assignments will be given during the quarter to help the students to understand the concepts being taught.

Homework – 5%

Occasional homework will be given in order to support the students learning.

Attendance

Attendance in this class is important, due to the many activities we do in class. For some of the learning activities the student will have access at home. However, there are some supplies used in class that the students will not have access to (i.e. drones, makey boards .etc) In the event of a prolonged absence the teacher will contact the parent/student to come up with a plan to make up any work, that could not be completed at home.

Recommended Supplies for this Course:

- loose paper for notes and assignments
- pencils
- a pair of headphones (dollar store is perfect for this)
- a simple pocketed folder to hold various papers.

Contact Information:

It is best to contact me via email at eric.axelrod@dvusd.org. I can usually return e-mails within a couple of hours. Phone contact can be made at 602-467-6537 (Calls during the day will go straight to voicemail). Phone calls will be returned within 24 hours. Meetings can be scheduled before school, and on occasion after school. I will make every attempt to meet with parents in a timely manner.