



# Deer Valley Unified School District

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<https://desertsky.dvusd.org>

**Room #240**

## Computer Science I & II

### 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.
- program a robot using Python programming language.

### Lesson Plans

Lesson Plans will be located on the school website every week in the staff websites section.

### Classroom Rules and Consequences:

Classroom Rules: In Class

- 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
- 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 activities and given alternate work.

Classroom Rules: During home learning.

-Disruptions during Zoom class, will result in temporary removal from the Zoom Call. The teacher will follow up with the parents to resolve the issue.

-Students need to complete their own assignments and not that of others.

## **Grading:**

In class work- 20% (small in class assignments, which turn into homework if not completed in class..)

Assessments-80% (In the form of long term projects.)

## **Attendance**

Attendance in this class is important, due to the many activities and cooperative work with partners. If a student is absent for an extended period of time, we will set up a plan to help the student make up the work.

## **Recommended Supplies for this Course:**

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

## **Contact Information:**

It is best to contact me via email at [eric.axelrod@dvusd.org](mailto:eric.axelrod@dvusd.org) I can usually return e-mails within a couple of hours. Phone contact can be made at (602 )467-6537. Phone calls will be returned within 24 hours if you have to leave a message. Meetings can be scheduled before school, and on occasion after school via Zoom. I will make every attempt to meet with parents in a timely manner.

## **A.I. Disclaimer**

**After careful consideration and in alignment with the developmental needs of our students and the Children's Online Privacy Protection Act (COPPA), DVUSD has determined that the use of Large Language Models (LLMs), such as ChatGPT, are not suitable for students in grades K-8 and will not be utilized or endorsed in academic contexts.**

**To be college-, career-, and community-ready, students in the Deer Valley Unified School District are expected to demonstrate academic integrity. Academic integrity is all about being honest and fair in your schoolwork. It means doing work that is entirely your own and giving credit to others (including generative Artificial Intelligence tools) through proper citation when you use their ideas or words.**