Deer Valley Unified School District

Eric Axelrod   **Room #240**
Voice Mail # (480) 269-7171
eric.axelrod@dvusd.org
https://desertsky.dvusd.org

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 located in Canvas on a weekly basis.

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:

Assignments- 35%

Students will be given assignments to complete on a weekly basis.

Assessments – 65%

Assessments will be given approximately every two weeks.

Attendance

Attendance in this class is important, due to the many activities we do in class. Students need to attend all scheduled Zoom sessions. Attendance will be taken during every class period daily.

Recommended Supplies for this Course:

- loose paper for notes and assignments
- pencils
- a pair of headphones (dollar store is perfect for this)

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 (480) 269-7171. 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.