

COTTONWOOD COLLEGE PREP ACADEMY A HYBRID HIGH SCHOOL

Interdisciplinary, Project-Based, Montessori-Inspired Charter Academy

Design Thinking



Overview

Design Thinking gives students the opportunity to develop skills to be successful in a range of different fields—including designing, architecture, engineering, and business. Students will learn to understand the end-users, question hard-set assumptions, and redefine problems.

Student Experience

Our hybrid model provides students with both the experience of learning in a classroom and the personalization provided by online learning. Students will take the Course of Study in a classroom setting while taking the other courses using an online platform or concurrently at a local community college. Activities emphasize creating innovative solutions and testing them for tackling complex, unknown challenges. Students will participate in prototyping, robotics, Model UN, theater, mentorships, and internships.

High School Learning Center

Open from 1:15pm–2:45pm Monday–Thursday. A place and time for students to practice, enrich, reteach, and enhance their learning with the support of teachers. The Center is a place to collaborate with peers, to participate in clubs, and to innovate in our Makerspace.

Instruction
Monday - Thursday
8:30AM - 1:00PM

High School
Learning Center
Monday - Thursday
1:15PM - 2:45PM

Graduation Requirements

Starting with the
Class of 2026

*Complete A-G
Requirements
(with a C or better)

*2 AP/Honors Courses

*Concentration
Completion

UNIVERSITY
OF
CALIFORNIA

CalState

Course of Study

Grade 9

Grade 10

Grade 11

Grade 12

Design Thinking
Electives & Online
Electives (by CCPA)

NGSS Science

NGSS Science

NGSS Science

English 12

DT Electives

English 9

English 10

English 11

American Government/
Economics

*Making &
Engineering Design

Theater

World History CP/H

US History

AP Statistics or Pre-
Calculus

*Robotics CP/ADV

Algebra 1

Geometry

Algebra 2

Design Thinking Senior
Seminar

Online Electives
*Criminology
*Environmental
Science



3921 Sandstone Dr
El Dorado Hills, Ca 95762

<https://cottonwoodhs.org/>
(503) 285-2003