

Interdisciplinary, Project-Based, Montessori-Inspired Charter High School

Design Thinking Concentration



Overview

Our Design Thinking Concentration 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 both the experience of learning in a classroom and the personalization provided by online learning. Students will take the Concentration's Course of Study in a classroom setting while taking the other courses using an online platform – all with the support of the site-based teachers. Activities emphasize creating innovative solutions and testing them for tackling complex, unknown challenges. Students will participate in prototyping, robotics, mentorships, and internships.

Learning Center (at the Site-Based location)

Open from 1pm–3pm 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, to innovate in our Makerspace.

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

Learning Center
Monday - Thursday
 1:00PM - 3:00PM

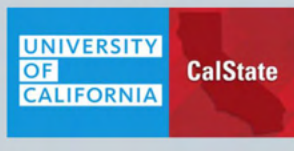
Graduation Requirements

Starting with the
Class of 2026

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

*2 AP/Honors Courses

*Concentration
 Completion



The Concentration Course of Study

Grade 9	Grade 10	Grade 11	Grade 12	Design Thinking Electives
<p>NGSS Science: Integrated Physical Science</p> <p>Math: Functional Design thru Algebra 1</p>	<p>NGSS Science: Biology</p> <p>Math: Design Thinking Geometry</p>	<p>NGSS Science: Chemistry</p> <p>Math: Constructing Algebra 2</p>	<p>NGSS Science: Environmental Science (CP/AP)</p> <p>Math: Statistics (CP/AP)</p>	<p>Design & Make</p> <p>Making & Engineering Design</p> <p>Robotics</p> <p>Design Thinking Senior Seminar</p>