

Interdisciplinary, Project-Based, Montessori-Inspired Charter Academy

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.

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

The Concentration Course of Study

Grade 9

Grade 10

Grade 11

Grade 12

Design Thinking
Electives

NGSS Science:
Integrated Physical
Science

Math:
Functional Design thru
Algebra 1

NGSS Science:
Biology

Math:
Design Thinking
Geometry

NGSS Science:
Chemistry

Math:
Constructing Algebra 2

NGSS Science:
Environmental Science
(CP/AP)

Math:
Statistics (CP/AP)

Design & Make

**Making &
Engineering Design**

Robotics

**Design Thinking
Senior Seminar**

