HIGH TECH HIGH

CHULA VISTA

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2019-2020 SCHOOL PROFILE

In San Diego County's south bay, High Tech High Chula Vista sits on scenic views of the canyons of the Otay Valley. Students and teachers are inspired by the beauty of the nature that surrounds them as they work to create projects that connect their learning to the environment, to the community and the world beyond the classroom walls.

Students are admitted to HTHCV through a randomized lottery acceptance system, creating a school with a continuously diverse student population. Virtually every south bay community is represented throughout grades 9 - 12 and a variety of students also attend HTHCV from several surrounding areas of San Diego County.

High Tech High Chula Vista opened in the fall 2007 with approximately 150 9th grade students with the goal of serving San Diego's South Bay and beyond. It is one of the first two schools opening under the California Statewide Benefit Charter that was awarded to High Tech High in 2006.

Due to the ever increasing desire to provide a personalized education in South Bay, High Tech High Chula Vista has grown to the largest school in the High Tech High community serving 566 students in grades 9-12. HTHCV is one of the first of three high schools opened under the California Statewide Benefit Charter. Founded in the fall of 2007, HTHCV implements all the HTH design principles and features a dual emphasis on liberal arts and science education, with a specialized focus on the environmental sciences.

CEEB Code: 054313
Total enrollment: 565, grades 9-12
88% students of color
50% female, 50% male

Students and Faculty

The criteria for admission are simple: California residence, graduation from the 8th grade, and an expressed interest in attending the school. Students are chosen for admission via zip code based lottery system, ensuring a diverse student body. Over 1,000 students applied for the initial cohort of 150 spaces. The HTHCV faculty, 42 in all, consists of a diverse mix of master teachers, newly trained teachers, and individuals from industry. Each HTHCV faculty member serves as an advisor to about 18 students. Teachers work in teams, responsible for the academic achievement of the 50-70 students in their group.

Program

High Tech High Chula Vista (HTHCV) is not a technology high school. Some HTHCV students may specialize in computer programming, but all students use technology to engage in a wide range of pursuits: scientific, mathematical, literary, historical, artistic, and aesthetic. HTHCV teachers work in teams to integrate the curriculum across subject areas. Students master critical content while pursuing their interests through individual and small-group projects. Frequent exhibitions and "Presentations of Learning" help students develop valuable skills of analysis and communication. As High Tech High teachers develop curriculum, they consider the California academic content standards and the High Tech High learning areas, which call for students to achieve competency in teamwork, technology, communication, art and design, ethics and responsibility, and habits of mind. All HTHCV academic core courses have been approved by the University of California.

Course Offerings

Rigorous Curriculum without Advanced Placement Courses

The HTHCV curriculum is characterized by courses that encourage students to focus in depth on important concepts and issues. Junior and senior students have the option to take any core-academic course, and Spanish III, for honors credit. Advanced Placement courses are not offered, because HTHCV focuses on covering topics in depth rather than offering shallow survey courses.

English: English 1, English 2, English 3, English 3 (H), Expository Reading and Writing and Expository Reading and Writing (H), World Literature

History/Social Science: World History, U.S. History, U.S. History (H), World Cultures and Geography

Mathematics: Math 1 (Algebra), Math 2 (Geometry), Math 3 (Algebra 2), Math 3 (H) (Precalculus), Math 4 (Statistics) (H), Calculus, Calculus (H)

Lab Sciences: Physics, Applied Physics and Engineering, Chemistry, Biology, Biology (H), Engineering Research and Development

Foreign Language: Spanish 1, Spanish 2, Spanish 3, Spanish 3 (H), Spanish 4

Visual Arts: Art 1 (1 semester of Multimedia, 1 semester of Painting), Digital Arts in Mixed Media, Visual Technology 1,2

College Prep Electives: Creative Writing, Environmental Science, Environmental Science (H), Video Production

Graduation Requirements

Course	HTHCV Required Years
A: History	3
B: English	4
C: Mathematics	4
D: Science	4
E: Language other than English*	2
F: College Prep Electives	1
G: Visual / Performing Arts	1

High Tech High Chula Vista graduates are required to pass all courses with a "C-" or better.

*1 semester of foreign language taken at HTH schools equates to 1 year of UC language

Academic Internships at High Tech High Chula Vista

One of most important elements of a High Tech High education is a connection to the real world of adult work and productivity. At HTHCV schools, we facilitate this connection by hiring teachers who have experience outside the classroom; encouraging projects that have real applications; inviting professionals in to the school throughout the year; and creating an internship experience for students.

HTHCV students work and learn at businesses, schools, nonprofit organizations and professional associations around San Diego County. Each student is matched with an individual mentor. Each student develops a project that contributes to the organization and is linked to the student's academic work. Internships take place for 35-40 hours per week for a three week period during the spring semester in their junior year. HTHCV has developed academic internships with over 100 local businesses and organizations including:
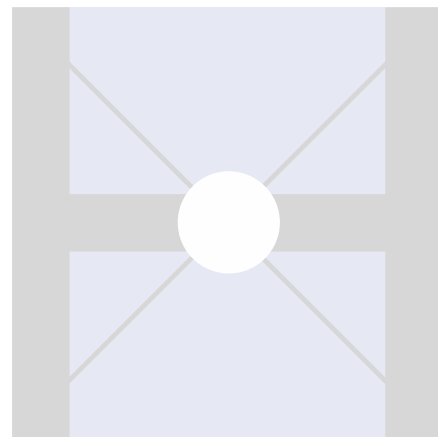
Alvarado Medical Center
Anadys Pharmaceutical
The Art Institute of California
Austin Veum Robbins Partners
The Corky McMillin Companies
County of San Diego Office of
Public Defender
FOX 6 News
Interactive, Inc.
MANPOWER, Inc.
The Port of San Diego
Qualcomm Incorporated
Randall Lamb Engineering
Revolution Ventures
San Diego Gulls
    Professional Hockey
Seabotix, Inc.
Sharp Memorial Hospital
SPAWAR - Systems Center
Sullivan International Group
Telepacific Communications
University of San Diego
U.S. Department of Commerce

Digital Portfolios

In addition to the measures of achievement required of all California high school students, High Tech High Chula Vista students develop a digital portfolio that provides a comprehensive look at each student's work and learning. Each digital portfolio includes a personal statement, resume, and work samples. The work samples include information about the students' learning goals, projects and internships. Students update their digital portfolios each semester, documenting their learning over time.

Senior Projects

The senior project is the culmination of students' personalized academic endeavors at High Tech High Chula Vista. Seniors are encouraged to pursue a project that responds to their personal interests, college and career goals, and curiosities. Spanning an entire academic year, the project requires students to set large goals, demonstrate independent learning, manage complex and challenging tasks, and present substantive work to a panel of experts.

A College Going Culture

Of the 146 graduates in the class of 2019, 91% will be entering college this fall. 93(64%) students will be attending a 4 year college and 40 (27%) will be attending a two-year college. 38 (26%) will enter the University of California system, while 43 (29%) will enter the California State University system. 7 (5%) will attend out-of-state institutions in Arizona, Hawai'i, New Jersey, New York, Ohio, Rhode Island
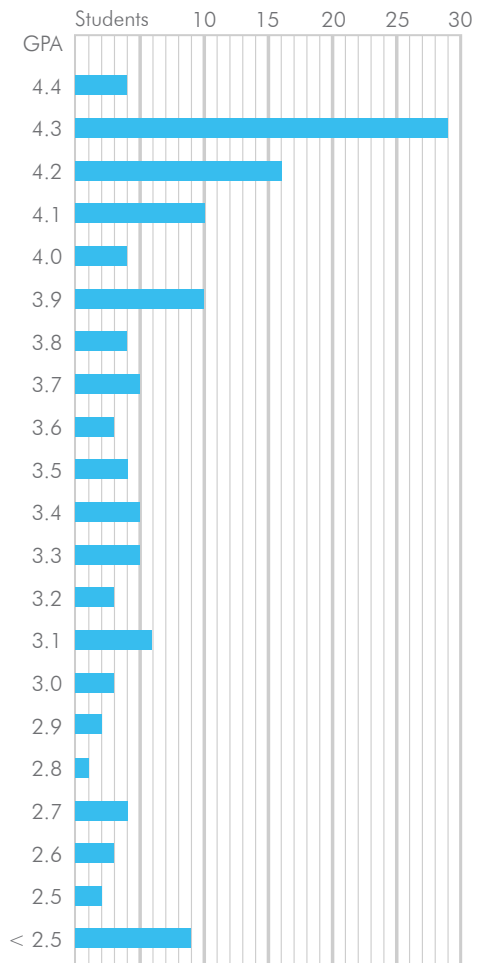
College Enrollment for HTHCV's Recent Graduating Classes
2016-2019

Alfred University
American River College
Arizona State University
The University of Arizona
Brown University
California Lutheran University
California State Polytechnic University, Pomona
California Polytechnic State University, San Luis Obispo
California State University
 - Maritime Academy
 - Bakersfield
 - Channel Islands
 - Chico
 - Dominguez Hills
 - Fullerton
 - Long Beach
 - Los Angeles
 - Monterey Bay
 - Northridge
 - Sacramento
 - San Bernardino
 - San Marcos
University of California
 - Berkeley
 - Davis
 - Irvine
 - Los Angeles
 - Merced
 - Riverside
 - San Diego
 - Santa Barbara
 - Santa Cruz
Central Washington University
CETYS Universidad
Chapman University
Chinese University of Hong Kong
Claremont McKenna College
Columbia University
Dartmouth College
Dominican University of California
Embry-Riddle Aeronautical University
Fashion Institute of Design and Merchandising, San Diego
George Mason University
Grand Canyon University
Grossmont College
Hawaii Pacific University
Imperial Valley College
James Madison University
Laguna College of Art and Design

Lehigh University
Massachusetts College of
    Pharmacy & Health Sciences
Mills College
College of Mount Saint Vincent
Musicians Institute
National Theatre School of Canada
New York University
University of Oregon
Otis College of Art and Design
University of the Pacific
Pasadena City College
Pitzer College
Point Loma Nazarene University
Princeton University
University of Redlands
Rhodes State College
Rose-Hulman Institute of Technology
San Diego City College
San Diego Mesa College
San Diego Miramar College
San Diego State University
University of San Diego
San Francisco State University
University of San Francisco
San Jose State University
Santa Monica College
Sonoma State University
Southeastern University
University of Southern California
Southwestern College
Stanford University
The New School
United States Naval Academy
United States Naval Academy Prep School
Universidad Autonoma de Baja California
Universidad Iberoamericana
Universidad Xochicalco
University of Hawai'i Maui College
Vanguard University of Southern California
University of Washington
University of Washington, Bothell
Whittier College
Woodbury University
Worcester Polytechnic Institute

Grade Distribution
HTHCV Class of 2020

through junior year, class size = 132

Standardized Testing Class Of 2020
SAT Average EBRW 529, Math 499