

H I G H T E C H H I G H



C H U L A V I S T A

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## 2018-2019 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: 566, 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, US Government, 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:

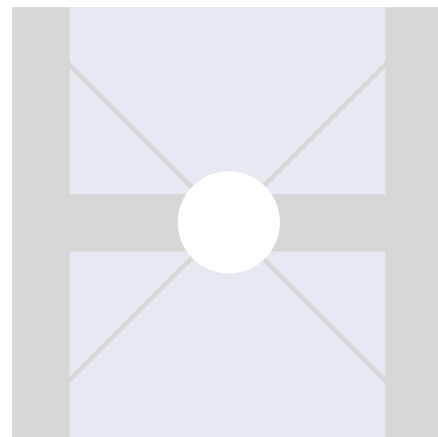
Alvarado Medical Center  
Anadys Pharmaceutical  
The Art Institute of California  
Austin Veum Robbins Partners  
The Corky McMillin Companies  
County of San Diego Office of  
Public Defender  
FOX 6 News  
Interactive, Inc.  
MANPOWER, Inc.  
The Port of San Diego  
Qualcomm Incorporated  
Randall 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 157 graduates in the class of 2018, 94% will be entering college this fall. 106 (67.5%) students will be attending a 4 year college and 42 (27%) will be attending a two-year college. 41 (26%) will enter the University of California system, while 46 (29%) will enter the California State University system. 8 (5%) will attend out-of-state institutions in Hawai'i, New York, Pennsylvania, Rhode Island, Washington, and Mexico.

## College Enrollment for HTHCV's Recent Graduating Classes

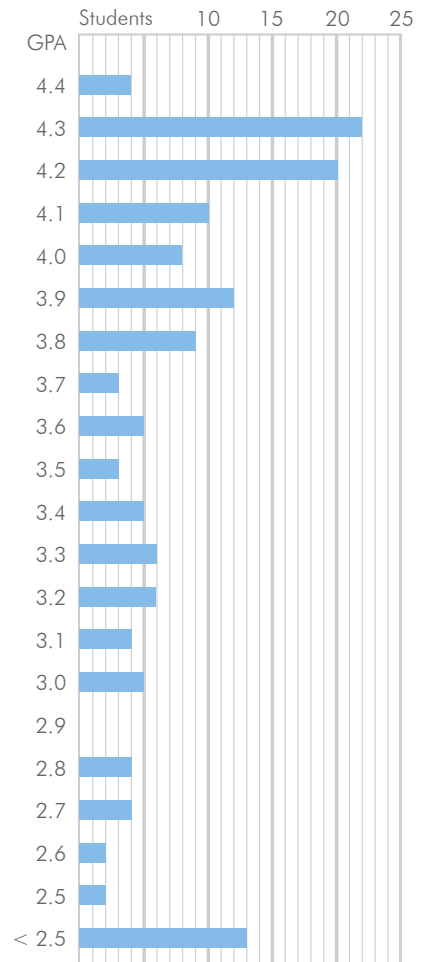
2015-2018

- |   |  |
|---|--|
| Academy of Art University                                   | Reed College                               |
| Brescia University  | Rose-Hulman Institute of Technology        |
| Brown University  | San Diego City College                     |
| California Lutheran University                              | San Diego Mesa College                     |
| California Polytechnic State University, San Luis Obispo    | San Diego Miramar College                  |
| California State Polytechnic University, Pomona             | San Diego State University                 |
| California State University Maritime Academy                | San Francisco State University             |
| California State University                                 | San Jose State University                  |
| - Bakersfield   | Santa Barbara City College                 |
| - Channel Islands   | Santa Monica College                       |
| - Chico   | Seattle Pacific University                 |
| - Fullerton   | Smith College                              |
| - Long Beach  | Sonoma State University                    |
| - Los Angeles   | Southeastern University                    |
| - Monterey Bay  | Southwestern College                       |
| - Northridge  | Stanford University                        |
| - Sacramento  | The New School                             |
| - San Marcos  | The University of Alabama                  |
| Central Washington University                               | The University of Arizona                  |
| CETYS Universidad   | United States Naval Academy                |
| Chapman University  | United States Naval Academy Prep School    |
| Chinese University of Hong Kong                             | Universidad Autonoma de Baja California    |
| Claremont McKenna College                                   | Universidad Iberoamericana                 |
| Columbia University   | Universidad Xochicalco                     |
| Cornell University  | University of California                   |
| Cuyamaca College  | - Berkeley                                 |
| Dartmouth College   | - Davis                                    |
| Dominican University of California                          | - Irvine                                   |
| Embry-Riddle Aeronautical University                        | - Los Angeles                              |
| Emory University  | - Merced                                   |
| Fashion Institute of Design and Merchandising               | - Riverside                                |
| George Mason University                                     | - San Diego                                |
| Grand Canyon University                                     | - Santa Barbara                            |
| Grossmont College   | - Santa Cruz                               |
| Instituto Tecnológico y de Estudios Superiores de Monterrey | University of Hawai'i Maui College         |
| James Madison University                                    | University of Oregon                       |
| Laguna College of Art and Design                            | University of Redlands                     |
| Lehigh University   | University of San Diego                    |
| Loyola Marymount University                                 | University of San Francisco                |
| Massachusetts College of Pharmacy & Health Sciences         | University of Southern California          |
| Mills College   | University of the Pacific                  |
| Montana State University                                    | University of Washington                   |
| National Theatre School of Canada                           | University of Washington, Bothell          |
| New York University   | Vanguard University of Southern California |
| Notre Dame de Namur University                              | Wheaton College IL                         |
| Otis College of Art and Design                              | Whittier College                           |
| Pasadena City College                                       | Worcester Polytechnic Institute            |
| Pepperdine University                                       |  |
| Pitzer College  |  |
| Point Loma Nazarene University                              |  |

## Grade Distribution

### HTHCV Class of 2019

through junior year, class size = 147



### Standardized Testing Class Of 2019

SAT Average EBRW 522, Math 492

