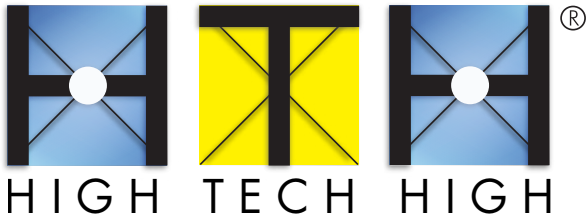


The Gary and Jerri-Ann Jacobs



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## 2018-2019 SCHOOL PROFILE



Launched in September 2000 by an industry and educator coalition, the Gary and Jerri-Ann Jacobs High Tech High is an independent public charter school serving 584 students in grades 9-12. The school's mission is to prepare a diverse range of students for postsecondary education, citizenship, and leadership in the high technology industry.

Innovative features include performance-based assessment, daily shared planning time for staff, state-of-the-art technical facilities for project based learning, internships for all students, and close links to the high tech workplace. Fully accredited by the Western Association of Schools and Colleges, High Tech High (HTH) graduated its first class in June 2003.

HTH ranks near the top in raw scores on California standardized tests (94th percentile statewide).

Since opening, HTH has been one of the highest scoring schools in San Diego County on the California Academic Performance Index.

At HTH, learning is connected to the world beyond school. To graduate, each student must complete a substantial Academic Internship in a local business or social service agency.

There is no test to get into HTH; students are accepted by lottery, resulting in an ethnically and economically diverse student body. There are about five applicants for every available place.



CEEB Code: 052951  
Total enrollment: 559, grades 9-12  
60% students of color  
49% female, 51% male  
34% Pell Eligible

## Students and Faculty

High Tech High students reflect the full socio-economic and cultural diversity of the San Diego Unified School District. 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 200 places.

The HTH faculty, 30 in all, consists of a diverse mix of master teachers, newly trained teachers, and individuals from industry. Each HTH faculty member serves as an advisor to about 15 students. Teachers work in teams, responsible for the academic achievement of the 50-70 students in their group.

## Program

High Tech High (HTH) is not a technology high school. Some HTH 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.

HTH 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 six core Deeper Learning Competencies, which call for students to: master core academic content, think critically & solve complex problems, work collaboratively, communicate effectively, learn how to learn and develop academic mindsets. All HTH academic core courses have been approved by the University of California.

## Senior Projects

The senior project is the culmination of students' personalized academic endeavors at High Tech High. 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.

## Course Offerings

Rigorous Curriculum without Advanced Placement Courses

The HTH 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 II, for honors credit. Advanced Placement courses are not offered, because HTH focuses on covering topics in depth rather than offering shallow survey courses.

**English:** English 1, English 2, English 3, English 3 (H), English 4, English 4 (H), World Literature 1, 2

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

**Mathematics:** Math 1, Math 2, Math 3, Math 3 (H), Math 4, Math 4 (H), Pre-Calculus, Pre-Calculus (H), Calculus, Calculus (H)

**Lab Sciences:** Physics 1, 2, Physics 3, 4, Physics 3, 4 (H) Chemistry, Biology, Biology (H), Biology 3, 4

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

**Visual Arts:** Painting 1, 2, Visual Technology 1, 2, Multimedia Production 1, 2, Multimedia Production 3, 4, Digital Art and Mixed Media 1, 2, Video Production

**College Prep Electives:** Environmental Science, Principles of Engineering, Biotechnology

**Additional Electives:** Inventions and Robotics, Graphic Design Computer Science 1

**Intersession Electives:** On the transcript these courses are labeled with an I. They do not count toward graduation and the grades are not calculated into the GPA.

## College Courses

The 2007-2008 academic year was the inaugural year of the concurrent enrollment program between High Tech High and the University of San Diego. Through a selective application process, 24 HTH students are chosen each semester and given an opportunity to take one college class during their senior year at the University of San Diego free of charge. In addition to taking courses at USD, HTH students often take community college course through the San Diego Community College District. These courses are strictly for enrichment and are not applied toward graduation credit.

## Graduation Requirements

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

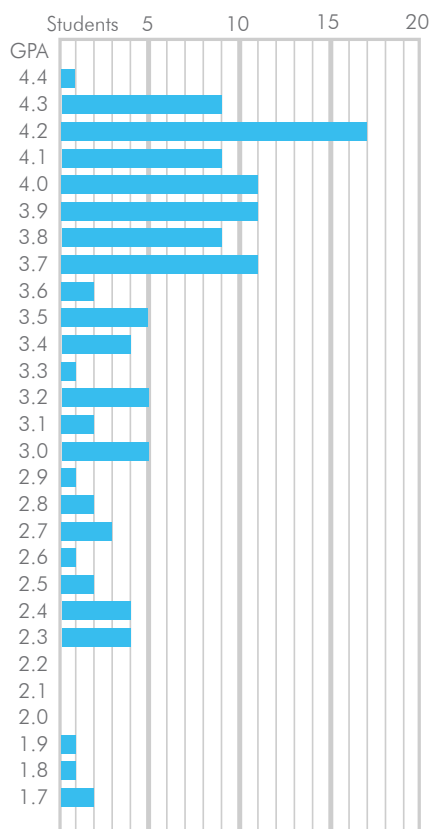
To graduate, High Tech High students must also complete at least one workplace internship of one hundred hours, plus a substantial Senior Project.

## Block Schedule

High Tech High students take most of their courses on a "block schedule." The math courses are taught on a traditional semester (1.5 credits) year-long schedule. However, other core classes are taught in two-hour blocks and students receive a year's worth of credit (3.0 credits) in one semester. Courses in English, social sciences, Spanish, and lab sciences are all taught on a block schedule.

## Grade Distribution HTH Class of 2019

through junior year, class size = 123



## Digital Portfolios / ZeeMee Accounts

In addition to the measures of achievement required of all California high school students, High Tech high students develop a digital portfolio that provides a comprehensive look at each student's work, learning, and personal growth. When building their digital portfolios students have options of using tools such as Weebly or ZeeMee as their platform of choice. This digital portfolio will contain work samples, personal statements/stories, and display their extra-curricular activities. Additionally, students capture their internship and job shadow experiences in these digital portfolios that ultimately have the authentic audience of college admission committees.

## Academic Internships at High Tech High

One of most important elements of a High Tech High education is a connection to the real world of adult work and productivity. At HTH 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.

HTH 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. HTH has developed academic internships with over 100 local businesses and organizations including:

- |   |                              |
|---|------------------------------|
| Alvarado Medical Center                       | Randall Lamb Engineering     |
| Anadys Pharmaceutical                         | Revolution Ventures          |
| The Art Institute of California               | San Diego Gulls              |
| Austin Veum Robbins Partners                  | Professional Hockey          |
| The Corky McMillin Companies                  | Seabotix, Inc.               |
| County of San Diego Office of Public Defender | Sharp Memorial Hospital      |
| FOX 6 News                                    | SPAWAR - Systems Center      |
| Interactive, Inc.                             | Sullivan International Group |
| MANPOWER, Inc.                                | Telepacific Communications   |
| The Port of San Diego                         | University of San Diego      |
| Qualcomm Incorporated                         | U.S. Department of Commerce  |

## A College Going Culture

Of the 137 graduates in the class of 2018, 134(98%) will be entering college in the fall, 97 (71%) will be attending a 4-year college and 37(27%) will be attending a 2-year college. 34(25%) will be entering the University of California system, while 30(22%) will be attending the California State University system. 21(15%) will attend out-of-state institutions in Arizona, Massachusetts, New York, Maryland, Hawaii, Oregon, Virginia, Pennsylvania, and Ohio.

## Class of 2018 College Acceptance List

Adelphi University  
American University  
Amherst College  
Arizona State University  
The University of Arizona  
Aurora University  
Azusa Pacific University  
Belmont University  
Boise State University  
Boston University  
Brigham Young University, Idaho  
Bucknell University  
Cal Maritime  
California College of the Arts (San Francisco)  
California Lutheran University  
California State Polytechnic University - Pomona  
California Polytechnic State University, San Luis Obispo  
California State University  
- Channel Islands  
- Chico  
- Dominguez Hills  
- East Bay  
- Fresno  
- Fullerton  
- Long Beach  
- Los Angeles  
- Monterey Bay  
- Northridge  
- Sacramento  
- San Marcos  
University of California  
- Berkeley  
- Davis  
- Irvine  
- Los Angeles  
- Merced  
- Riverside  
- San Diego  
- Santa Barbara  
- Santa Cruz  
Chapman University  
University of Cincinnati  
Clark University  
Cleveland State University  
Colorado State University  
Columbia University  
Denison University  
University of Denver  
DePaul University  
Dillard University  
Dominican University of California  
Florida Institute of Technology  
Florida State University  
University of Florida  
Franklin & Marshall College  
The George Washington University  
Georgia State University  
University of Georgia  
Gettysburg College  
Gnomon School of Visual Effects  
Grand Canyon University  
Grossmont College  
Hampshire College  
University of Hawaii at Manoa  
Hawaii Pacific University  
Holy Names University  
Howard University  
Humboldt State University  
University of Idaho  
University of Illinois at Chicago  
Illinois Institute of Technology  
Jackson State University  
Knox College  
University of La Verne  
Lafayette College  
Laguna College of Art and Design  
Lawrence Technological University  
Lewis & Clark College  
Linfield College  
Loyola Marymount University  
Marquette University  
University of Maryland, College Park  
Marymount California University  
Maryville University  
McDaniel College  
McGill University  
Menlo College  
Miami University, Oxford  
University of Miami  
Mills College  
University of Minnesota, Twin Cities  
Missoula College at University of Montana  
Montana State University, Bozeman  
Montana State University, Northern  
Mount Saint Mary's University  
New Jersey Institute of Technology  
University of New Mexico  
New York University  
North Carolina State University  
Northern Arizona University  
Northwest Nazarene University  
Notre Dame de Namur University  
University of Notre Dame  
Oberlin College of Arts and Sciences  
Occidental College  
Oregon College of Oriental Medicine  
University of Oregon  
Pace University, New York City  
Pacific Lutheran University  
Pacific University  
University of the Pacific  
Paul Mitchell the School-San Diego  
Pepperdine University  
Pitzer College  
Point Loma Nazarene University  
University of Portland  
University of Puget Sound  
Purdue University  
University of Redlands  
Reed College  
Rensselaer Polytechnic Institute  
Rhodes College  
University of Richmond  
Rochester Institute of Technology  
Roosevelt University  
Saint John's University (NY)  
Saint Mary's College of California  
Salve Regina University  
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 Clara University  
Seattle Pacific University  
Seattle University  
Seton Hall University  
Sonoma State University  
University of South Dakota  
University of Southern California  
Southern Utah University  
Southwestern College  
Stanford University  
Syracuse University  
The Electrical Training Center  
The Ohio State University  
Tuskegee University  
University of St Andrews  
Utah State University  
Vassar College  
University of Vermont  
Virginia Tech  
Washington College  
University of Washington  
Wentworth Institute of Technology  
Whitman College  
Whittier College  
Whitworth University  
Willamette University  
Worcester Polytechnic Institute  
Xavier University of Louisiana

