SCHOOL PROFILE 2021-2022

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 543 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: 534, grades 9-12
56% Students of Color
45% Female
55% Male
29% Pell Eligible

STUDENTS & FACULTY

HTH 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, 28 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

HTH is not a technology high school. Some 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 teachers develop curriculum, they consider the California academic content standards and the six core Deeper Learning Competencies, which call on students to master core academic content, think critically and 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 HTH. Seniors are encouraged to pursue a project that reflects 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

HTH courses 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 I, English 2, English 3, English 3 (H), English 4, English 4 (H), World Literature I, 2
MATHEMATICS: Math I, Math 2, Math 3, Math 3 (H), Math 4, Pre-Calculus, Calculus, Calculus (H)
LAB SCIENCES: Physics, Chemistry in the Earth Sciences, Biology, Biology (H), Biology 3, 4, Applied Physics & Engineering
FOREIGN LANGUAGE: Spanish I, Spanish 2, Spanish 3, Spanish 3 (H), Spanish 4.
VISUAL ARTS: Art I, 2, Multimedia Production I, 2, 3, 4, Digital Art and Mixed Media I, 2
COLLEGE PREP ELECTIVES: Environmental Science, ESCI (Honors), Biotechnology
INTERCESSION 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 HTH and the University of San Diego (USD). Through a selective application process, 24 HTH students are chosen each semester to take one class for free at USD during their senior year. HTH students also often take community college courses via the San Diego Community College District, but those are strictly for enrichment and do not earn graduation credit.

DIGITAL PORTFOLIOS / ZeeMee Accounts

In addition to the measures of achievement required of all California high school students, HTH students develop a digital portfolio that reflects each student’s work, learning, and personal growth. When building their digital portfolios, students can choose to use tools like Weebly or ZeeMee. The digital portfolio contains work samples, personal statements, and a list of 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.
GRADUATION REQUIREMENTS

<table>
<thead>
<tr>
<th>COURSE</th>
<th>REQUIRED YEARS</th>
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</thead>
<tbody>
<tr>
<td>A: History/Social Science</td>
<td>3</td>
</tr>
<tr>
<td>B: English</td>
<td>4</td>
</tr>
<tr>
<td>C: Mathematics</td>
<td>4</td>
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<tr>
<td>D: Lab Sciences</td>
<td>4</td>
</tr>
<tr>
<td>E: Language other than English</td>
<td>2</td>
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<tr>
<td>F: College Prep Electives</td>
<td>1</td>
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<tr>
<td>G: Visual / Performing Arts</td>
<td>1</td>
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</tbody>
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To graduate, High Tech High students must also complete at least one workplace internship during junior year, 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.

ACADEMIC INTERNSHIPS AT HTH

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 into 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
- 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

GRADE DISTRIBUTION

HTH CLASS OF 2022

Through junior year, class size = 124
CLASS OF 2021

COLLEGE ACCEPTANCE LIST

Of the 128 graduates in the class of 2021, 114 (89%) will be entering college in the fall. 83 (65%) will be attending a 4-year college and 31 (24%) will be attending a 2-year college. Two students elected to take a gap year. 28 (22%) will be entering the University of California system, while 21 (16%) will be attending the California State University system. 21 (16%) will attend out-of-state institutions in 12 different states (Colorado, Georgia, Idaho, Massachusetts, Maryland, Minnesota, North Carolina, Ohio, Oregon, Pennsylvania, and Texas), as well as Australia.

Academy of Art University
Allen University
Art Center College of Design
Ave Maria University
Bard College
Beacon College
Bennington College
Boise State University
Boston University
Bucknell University
California College of the Arts
California Polytechnic State University (San Luis Obispo)
California State Polytechnic University (Pomona)
California State University (Bakersfield)
California State University (Channel Islands)
California State University (Chico)
California State University (Dominguez Hills)
California State University (East Bay)
California State University (Fullerton)
California State University (Long Beach)
California State University (Los Angeles)
California State University (Monterey Bay)
California State University (Northridge)
California State University (Sacramento)
California State University (San Bernardino)
California State University (San Marcos)
Carleton College
Carnegie Mellon University
Clark Atlanta University
College for Creative Studies
Colorado College
Colorado State University
Columbia College (Chicago)
Cornell College
Dartmouth College
Drexel University
Elmhurst University
Emerson College
George Mason University
George Washington University
Gonzaga University
Grinnell College
Hofstra University
Howard University
Humboldt State University
Johns Hopkins University
Laguna College of Art and Design
LeTourneau University
Lewis & Clark College
Loyola Marymount University
Loyola University Chicago
Lynn University
Macalester College
Maryland Institute College of Art
Middlebury College
MiraCosta College
Mitchell College
Montana State University
More College of Art and Design
Morehouse College
Mt. San Jacinto College
New York Institute of Technology
New York University
North Central College
Northern Arizona University
Northwestern University
Ohio Wesleyan University
Oregon Institute of Technology
Oregon State University
Otis College of Art and Design
Pace University
Palomar College
Pepperdine University
Pitzer College
Point Loma Nazarene University
Reed College
Rochester Institute of Technology
Sacramento City College
San Diego City College
San Diego Mesa College
San Diego Miramar College
San Diego State University
San Francisco State University
Savannah College of Art and Design
Seattle Pacific University
Seattle University
Soka University of America
Sonoma State University
Southern Illinois University
Southern Oregon University
Southwestern College
Sweet Briar College
Syracuse University
Texas Tech University
The Evergreen State College
The New School
The University of Adelaide
The University of California at San Diego
The University of Texas at San Antonio
Thomas Jefferson University
Tiffin University
University of Arizona
University of California (Berkeley)
University of California (Davis)
University of California (Irvine)
University of California (Los Angeles)
University of California (Merced)
University of California (Riverside)
University of California (San Diego)
University of California (Santa Barbara)
University of California (Santa Cruz)
University of Colorado (Colorado Springs)
University of Colorado Boulder
University of Denver
University of Evansville
University of Hawaii at Manoa
University of Idaho
University of New Hampshire
University of North Texas
University of Oregon
University of Portland
University of Redlands
University of San Diego
University of San Francisco
University of the Pacific
University of Utah
University of Washington
University of Wisconsin (Madison)
Vassar College
Wake Technical Community College
Wellesley College
Wheaton College
Whitman College
Whittier College
Whitworth University
Williamette University
Worcester Polytechnic Institute
Xavier University of Louisiana