

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



N O R T H C O U N T Y

2019-2020 SCHOOL PROFILE



High Tech High North County opened its doors in September 2007 and is based on the growth and success of its sister school High Tech High. Founded by an industry and educator coalition, HTH North County is an independent public charter school serving 414 students in grade 9-12. The school's mission is to prepare diverse range of students for postsecondary education, citizenship, and leadership in the increasingly technological and interconnected world.

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 North County (HTHNC) graduated its first class in June 2011.

CEEB Code: 054219
Total enrollment: 414, grades 9-12

Larry Rosenstock CEO
Shani Leader Director
Tricia Abdullah Director of College Advising
tabdullah@hightechhigh.org
(760) 759-2725



Students and Faculty

High Tech High North County students reflect the full socio-economic and cultural diversity of the San Marcos Unified School District. The criteria for admission are simple: California resident, graduation from the 8th grade, and an expressed interest in attending the school. Students are chosen for admission via a zip code based lottery system, ensuring a diverse student body. The HTHNC faculty, 25 in all, consists of a diverse mix of master teachers, newly trained teachers, and individuals from industry. Each HTHNC faculty member serves 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 North County is not a technology high school, but all students use technology to engage in a wide range of pursuits: scientific, mathematical, literary, historical, artistic, and aesthetic.

HTHNC 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 North County 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, and learn how to develop academic mindsets. All HTHNC academic core courses have been approved by the University of California.

Course Offerings

Rigorous Curriculum without Advanced Placement Courses

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

English: English I, English II, English III, English III (H), English IV, English IV (H)

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

Mathematics: Math I, (Algebra I), Math II (Geometry), Math III (Algebra II), Math III (H), Math IV, Calculus (H)

Lab Sciences: Physics, Chemistry, Biology, Biology (H), Physics 3,4 and Physics 3,4 (H)

Foreign Language: Spanish I, Spanish II, Spanish III, Spanish III (H)

Visual Arts: Art I, Art II, Video Production, Multimedia III, Multimedia IV

Electives:

Applied Physics & Engineering, Spanish IV

Dual Enrollment:

Seniors have the opportunity to earn up to 15 credits through Palomar College. The courses are taught at High Tech High North County by faculty from Palomar. Enrolled students will receive both high school elective credit and college credit for each course completed.

Senior Experiential Learning

A major focus of senior year is college and career readiness. As students identify their professional interests and skills, they have the opportunity to pursue their passions, apply their knowledge, and develop as young adults in the real world. Students work and learn under the guidance of a mentor in a professional field that interests them. Students engage in authentic work and complete a substantive project that benefits the host organization. High Tech High North County teachers conduct regular site visits and communicate with mentors to ensure each student is progressing and meeting expectations. The experiential learning component is supplemented with school-based assignments that help students reflect on their learning experience and long-term career goals.

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 North County students must also complete at least one workplace internship of one hundred hours, plus a substantial Senior Thesis Project.

Digital Portfolios

In addition to the measures of achievement required of all California high school students, HTHNC 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 DP each semester, documenting their learning over time.

Academic Internships at High Tech High North County

Through the Academic Internships supported by Manpower, Inc., HTHNC students work and learn at businesses, schools, nonprofit organizations and professional associations around San Diego County. Internships are unpaid and every 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 are full-time for three weeks during the junior year. HTHNC has developed academic internships with over 100 local businesses and organizations including:

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| Acal Engineering & Land Surveying | PUSH San Diego |
| Alphatec Spine | Republican Party of San Diego County |
| Armstrong Gordon & Co (Portrush, Ireland) | San Diego Children's Discovery Museum |
| Bent Motorsports | San Marcos Veterinary Clinic |
| Boys & Girls Club of San Marcos | San Marcos City Hall |
| Bressi Ranch Pet Hospital | Sea Life Aquarium, LEGOLAND |
| Cidara Therapeutics | Social Supply Co. |
| E-Rehab LLC | Solana Beach Family Dentist |
| EC Galleries in Solana Beach | Southern California Institute of Neurological Surgery |
| Elevation Family Chiropractic | UCSD Biomedical Research Facility |
| Europa Challenge | UCSD Biotechnology Lab |
| Florence Architects | ViaSat |
| Freedom Rave Wear | Vista Physical Therapy |
| Girl Scouts San Diego | Wasatch Property Management |
| KOCT - The Voice of North County | Wild Wonders Inc. |
| Las Palmas Medical Group | Wise school- LA |
| Marcy Browe Portrait Photography | |
| Nixon Watches | |
| NV5 - Technical Engineering and Consulting Solutions | |
| Oceanside Public Library | |
| Olivewood Gardens | |
| Paloma Elementary | |



A College Going Culture

The High Tech High network of schools has attracted significant local and national attention. Spurred by community interest, the original High Tech High school spawned an elementary school, two middle schools and two other high schools on the same campus. The Bill and Melinda Gates Foundation has funded HTH to create a statewide network of similar schools. In 2004, HTH became the first public school in California authorized to operate its own teacher-credentialing program.

Of the 93 graduates in the class of 2019, 90% will enter college in the fall. Sixty-seven (72%) will be attending a 4-year college and 17 (18%) to a 2-year college. Seventeen (20%) will enter the University of California system, while 34 students (36%) will study in the California State University system.

Class of 2019 College Acceptance List

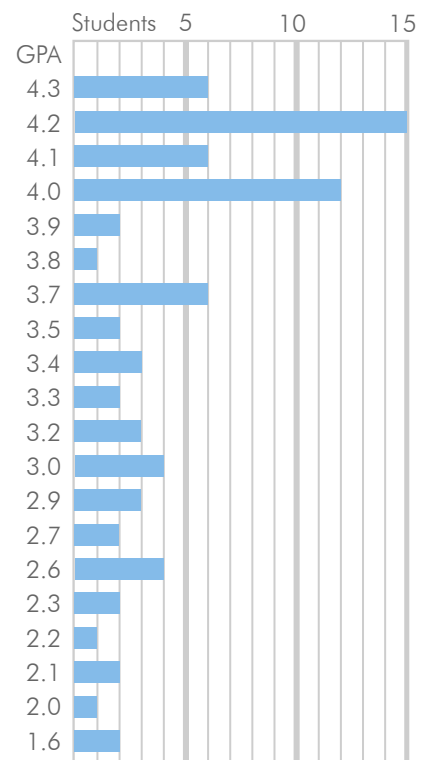
Abilene Christian University
 American University
 Arizona State University
 Azusa Pacific University
 Baylor University
 Biola University
 Boise State University
 California Baptist University
 Cal Poly Pomona
 Cal Poly San Luis Obispo
 CSU Channel Islands
 CSU Chico
 CSU Fresno
 CSU Fullerton
 CSU Long Beach
 CSU Maritime Academy
 CSU Monterey Bay
 CSU Northridge
 CSU Sacramento
 CSU San Marcos
 CSU Stanislaus
 Chapman University
 Culinary Inst of America New York
 Edinboro University of PA
 Embry-Riddle Aeronautical University Prescott
 Evergreen State College
 George Washington University
 Grand Canyon University
 Hamilton College - New York
 Hawaii Pacific University
 Humboldt State University
 Illinois Institute of Tech
 Johnson and Wales Univ Denver
 Johnson and Wales Univ Providence
 Lewis & Clark University
 Loyola University Marymount
 Loyola University New Orleans
 Louisiana State University
 Montana State University Bozeman
 Northern Arizona University

Oregon State University
 Oregon Institute of Technology
 Point Loma Nazarene University
 Rensselaer Polytech Institute
 St. Olaf College
 Salem State University
 San Diego State University
 San Francisco State University
 San Jose State University
 Seattle University
 Seattle Pacific University
 Sonoma State University
 Southern Oregon State University
 Southern Utah University
 Tulane University
 University of California
 - Berkeley
 - Davis
 - Irvine
 - Los Angeles
 - Merced
 - Riverside
 - San Diego
 - Santa Barbara
 - Santa Cruz
 University of Colorado Boulder
 University of Hawaii Manoa
 University of Hawaii Hilo
 University of MA Lowell
 University of Minnesota Crookston
 University of Minnesota Duluth
 University of Minnesota Morris
 University of Minnesota Rochester
 University of Minnesota Twin Cities
 University of Nebraska Lincoln
 University of New England
 University of Northern Colorado
 University of Oregon
 University of the Pacific
 University of San Diego

University of San Francisco
 University of Washington
 Vanguard University of Southern CA
 Washington State University
 Western Washington University
 Westmont College
 Whitman College
 Whittier College
 Willamette University
 Worcester Polytechnic Institute

Grade Distribution HTHNC Class of 2020

through junior year, class size =79



High Tech High North County does not discriminate on the basis of actual or perceived sex, sexual orientation, gender, gender expression, gender identity, ethnic group identification, immigration status or citizenship, race, ancestry, national origin, color, religion, religious affiliation, creed, mental or physical disability, age, parental, family, marital status, ation status or citizenship, race, ancestry, national origin, color, religion, religious affiliation, creed, mental or physical disability, age, parental, family, marital status, and any other or any other basis protected by applicable law in employment, admission, or educational program or activities. .

