

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



N O R T H C O U N T Y

2018-2019 SCHOOL PROFILE



High Tech High North County opened its door 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 400 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: 400, grades 9-12

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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 1), 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 1, Video Production, Multimedia I, Multimedia II

Electives:

Senior Design, Fundamentals of Research and Civil Discourse

Senior Field Research Experience

A major focus of Senior Year is preparing students for their next steps after High School, and the structure of the Senior Field Research Experience program is designed to support students in taking that step. Beyond the connections to the real world and on-site work experience outside of the classroom, the Senior Field Research Experience helps students learn the skills required to successfully complete a college-level expository writing assignment. Students engage in authentic research with their mentors, and, combined with background readings from academic sources, construct a comprehensive examination of something they are passionate about. Best of all, because these research projects are designed with their Internship Mentors, the results of the study can provide insight and guidance to mentors on questions that they are curious about, but maybe have not had the time to investigate themselves.

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:

Advanced Veterinary Care of San Elijo	North County Health Services
Ajnea Inc	North County Sports Medicine and Physical Therapy
Alyss Charles- Honey Photography	North County Smog and Repair
American Red Cross	Oceanside Museum of Art
Bressi Ranch Pet Hospital	Paloma Elementary
Bright Now Dental	Palomar Pomerado Health
Brown Safe Manufacturing Inc	Pomerado Elementary
Compass Dermatopathology	Prima Materia Art Institute
Daniel & Davis Optometry	Rancho Physical Therapy
Del Rio Studio	Realty Income Corporation
Fine Finish Factory	Salk Institute
North County Interfaith	San Diego Naval Base
Lael's International Auto Service	San Marcos Elementary School
Law Offices of Laura J. Farris	San Marcos Library
Lucra Cars	Scripps Research Institute
Media Arts Center San Diego	Tri-City Hospital
Melrose Vet Hospital	
Miramar Restoration Hanger (Flying Leathernecks Aviation Museum)	



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.

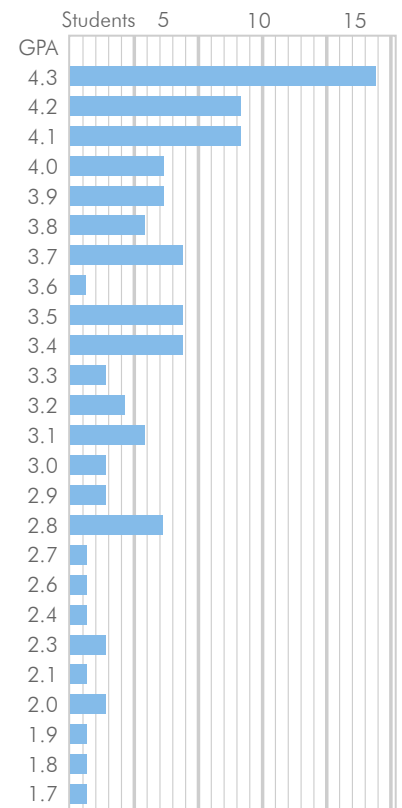
Of the 114 graduates in the class of 2018, 92% will enter college in the fall. Seventy-three (64%) will be attending a 4-year college and 32 (28%) to a 2-year college. Twenty-three students (20%) will enter the University of California system, while 28 students (24%) will study in the California State University system.

Class of 2018 College Acceptance List

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|--|---|-----------------------------------|
| American University | Northern Arizona University | University of Southern California |
| Arizona State University | Occidental College | University of the West of England |
| Boston University | Oregon Institute of Technology | University of Washington |
| Butler University | Oregon State University | University of Wisconsin Madison |
| California College of the Arts (SF) | Oregon State University Cascades | University of Wyoming |
| Cal Poly Pomona | Pacific Northwest College of Art | Wentworth Institute of Tech |
| Cal Poly San Luis Obispo | Palomar College | Western Washington University |
| California State University | Reed College | Whittier College |
| - Bakersfield | Rochester Institute of Technology | Yale University |
| - Channel Islands | Rose-Hulman Institute of Technology | York St. John University |
| - Chico | Saint Louis University | |
| - Dominguez Hills | Saint Mary's College of California | |
| - Eastbay | San Jose State University | |
| - Fullerton | San Diego State University | |
| - Los Angeles | San Francisco Art Institute | |
| - Long Beach | San Francisco Conservatory of Music | |
| - Monterey Bay | San Francisco State University | |
| - Sacramento | San Jose State University | |
| - San Marcos | Sonoma State | |
| Carleton College | South Dakota School of Mines & Technology | |
| Chapman University | Southern Methodist University | |
| Cogswell College | Stanford University | |
| College of Charleston | The New School - All Divisions | |
| Embry-Riddle Aeronautical University- Prescott | Tulane University | |
| Embry-Riddle Daytona Beach | University of Arizona | |
| Evergreen State College | University of California | |
| Franciscan University of Steubenville | - Berkeley | |
| George Washington University | - Davis | |
| Goucher College | - Irvine | |
| Grand Canyon University | - Los Angeles | |
| Green Mountain College | - Merced | |
| Harvard University | - Riverside | |
| Hawaii Pacific University | - Santa Cruz | |
| Humboldt State University | - San Diego | |
| Indiana University Bloomington | - San Francisco | |
| Iowa State University | University of Colorado Boulder | |
| Kenyon College | University of Colorado Colorado Springs | |
| Laguna College of Art & Design | University of Hawaii Manoa | |
| Linfield College | University of Minnesota Twin Cities | |
| Loyola Marymount University | University of Missouri Columbia | |
| Michigan Tech University | University of Nevada Reno | |
| MiraCosta College | University of Oregon | |
| Milwaukee School of Engineering | University of the Pacific | |
| Montana State University in Bozeman | University of Redlands | |
| New York Film Academy | University of San Francisco | |
| New York Institute of Technology | University of Santa Barbara | |

Grade Distribution HTHNC Class of 2019

through junior year, class size = 96



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. .

