

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

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

## Grade Distribution HTHNC Class of 2019

through junior year, class size = 96

