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.
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.

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.

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.

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.

Course Offerings

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

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.

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Graduation Requirements

<table>
<thead>
<tr>
<th>Course</th>
<th>HTH Required Years</th>
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<td>A: History/Social Science</td>
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<td>B: English</td>
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<td>C: Mathematics</td>
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<td>D: Lab Sciences</td>
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<tr>
<td>E: Language other than English</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>
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</table>

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:

- Acal Engineering & Land Surveying
- Alphatec Spine
- Armstrong Gordon & Co (Portrush, Ireland)
- Bent Motorsports
- Boys & Girls Club of San Marcos
- Bressi Ranch Pet Hospital
- Cidara Therapeutics
- E-Rehab LLC
- EC Galleries in Solana Beach
- Elevation Family Chiropractic
- Europa Challenge
- Florence Architects
- Freedom Rave Wear
- Girl Scouts San Diego
- KOCT - The Voice of North County
- Las Palmas Medical Group
- Marcy Browe Portrait Photography
- Nixon Watches
- NV5 - Technical Engineering and Consulting Solutions
- Oceanside Public Library
- Olivewood Gardens
- Paloma Elementary
- PUSH San Diego
- Republican Party of San Diego County
- San Diego Children’s Discovery Museum
- San Marcos Veterinary Clinic
- San Marcos City Hall
- Sea Life Aquarium, LEGOLAND
- Social Supply Co.
- Solana Beach Family Dentist
- Southern California Institute of Neurological Surgery
- UCSD Biomedical Research Facility
- UCSD Biotechnology Lab
- ViaSat
- Vista Physical Therapy
- Wasatch Property Management
- Wild Wonders Inc.
- Wise school LA
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  Oregon State University  University of San Francisco
American University          Oregon Institute of Technology  University of Washington
Arizona State University     Point Loma Nazarene University  Vanguard University of Southern CA
Azusa Pacific University     Rensselaer Polytechnic Institute  Washington State University
Baylor University             St. Olaf College  Western Washington University
Biola University              Salem State University  Whitman College
Boise State University       San Diego State University  Whittier College
California Baptist University San Francisco State University  Willamette University
Cal Poly Pomona               San Jose State University  Worcester Polytechnic Institute
Cal Poly San Luis Obispo      Seattle University  
CSU Channel Islands           Seattle Pacific University  
CSU Chico                     Sonoma State University  
CSU Fresno                    Southern Oregon State University  
CSU Fullerton                 Southern Utah University  
CSU Long Beach                Tulane University  
CSU Maritime Academy          University of California  
CSU Monterey Bay              - Berkeley  
CSU Northridge                - Davis  
CSU Sacramento                - Irvine  
CSU San Marcos                - Los Angeles  
CSU Stanislaus                - Merced  
Chapman University            - Riverside  
Culinary Inst of America New York  - San Diego  
Edinboro University of PA  - Santa Barbara
Embry-Riddle Aeronautical University Prescott  - Santa Cruz
Evergreen State College       University of Colorado Boulder
George Washington University  University of Hawaii Manoa
Grand Canyon University       University of Hawaii Hilo
Hamilton College - New York  University of MA Lowell
Hawaii Pacific University     University of Minnesota Crookston
Humboldt State University     University of Minnesota Duluth
Illinois Institute of Tech    University of Minnesota Morris
Johnson and Wales Univ Denver  University of Minnesota Rochester
Johnson and Wales Univ Providence  University of Minnesota Twin Cities
Lewis & Clark University      University of Nebraska Lincoln
Loyola University Marymount  University of New England
Loyola University New Orleans  University of Northern Colorado
Louisiana State University     University of Oregon
Montana State University Bozeman  University of the Pacific
Northern Arizona University  University of San Diego

Grade Distribution

HTHNC Class of 2020
through junior year, class size = 79

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<th>GPA</th>
<th>Students</th>
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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, action 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.