

## SCHOOL PROFILE 2021-2022

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 415 students in grade 9–12. The school's mission is to prepare a diverse range of students for post secondary 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: 415, grades 9–12**

## STUDENTS & FACULTY

High Tech High North County students reflect the full socioeconomic 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, 26 in all, consists of a diverse mix of master teachers, newly trained teachers, and individuals from industry. Each HTHNC 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

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), Government

**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

**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.

## ACADEMIC INTERNSHIPS HTHNC

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

County

### 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

## GRADUATION REQUIREMENTS

COURSE	HTHNC 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

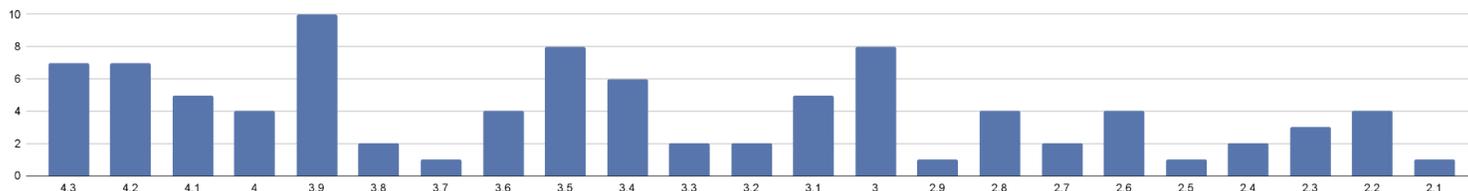
To graduate, High Tech High North County students must also complete at least one workplace internship of one hundred hours, plus a substantial Senior Thesis Project.

## 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.

## GRADE DISTRIBUTION HTHNC CLASS OF 2022

Through junior year, class size = 95



## A COLLEGE-GOING CULTURE

Of the 90 graduates in the class of 2021, 81% will enter college in the fall. Fifty-five (61%) will be attending a 4-year college and 18 (20%) to a 2-year college. Fifteen (17%) will enter the University of California system, while 22 students (24%) will study in the California State University system.

## HIGH TECH HIGH GRADUATES COLLEGE ACCEPTANCE

Arizona State University  
Bentley College  
Boise State University  
California Lutheran University  
California State University – Bakersfield  
California State University – East Bay  
California State University– Fullerton  
California State University – Long Beach  
California State University – Monterey Bay  
California Poly Pomona  
California State University – Sacramento  
California State University– San Marcos  
Chapman University  
Columbia College  
Illinois Institute of Technology  
Lewis & Clark College  
Louisiana State University  
Loyola Marymount University  
Loyola University Chicago  
Michigan State University  
Northern Arizona University  
Palomar College  
Portland State University  
Rensselaer Polytechnic Institute  
Rhodes College  
Rochester Institute of Technology  
San Diego State University

San Francisco State University  
Santa Clara University  
Savannah College of Art and Design  
St. John's University  
Stony Brook University  
SUNY– University at Buffalo  
SUNY at Albany  
United States Naval Academy  
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– Santa Barbara  
University of California – Santa Cruz  
University of California– San Diego  
University of California– Riverside  
The University of Tampa  
University of New Mexico  
University of Oregon  
University of Redlands  
Washington University in St. Louis  
Woodbury University  
Worcester Polytechnic Institute