

# WEST CAREER TECH ACADEMY



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## OUR MISSION

The Mission of West Career and Technical Academy is to inspire students to compete successfully in the 21st century by providing a college preparatory education that utilizes project-based learning, real-world applications, and innovative technology in a positive, collaborative culture.

## SCHOOL AND COMMUNITY

West Tech is a suburban public magnet school that offers nine distinct areas of study in the Clark County School District. Current enrollment is approximately 1500 students in grades nine through twelve. Each program area follows a unique four-year sequence of courses. Rigorous coursework, project-based learning, job shadowing, and internships give students first-hand experience in their selected program areas and prepares them for their transition to postsecondary institutions. The student body represents culturally and economically diverse backgrounds. The school opened in 2010, and the first official graduating class matriculated in 2012-13. In 2024, WCTA was designated a Governor's Stem model School.

West Tech was named a National Blue Ribbon School in 2020, and ranks in the top 3% as one of America's top schools in US News & World Report and Newsweek's High School Rankings. West Tech is a certified Google Apps for Education high school, and is setting the standard for real world, project-based, high-tech learning. The school has received a Five Star designation according to the Nevada School Performance Framework, and is a nationally recognized Magnet School of Excellence and Gold Council of Excellence recipient. WCTA also received the Silver Star and national Chapter of Excellence for Student Council, Spanish Honor Society Chapter of the Year, many Scholastic Art and Writing awards and the Platinum status for College Board's Advanced Placement program. In 2024, WCTA was also designated a Governor's Stem Model School. The 2024 graduation rate of 99% included 76% AP test scores of three or higher out of a total of 1,827 AP exams taken.

## CLASS OF 2024 HIGHLIGHTS

West Career and Technical Academy had 84% of the 2024 graduating class attending four year postsecondary institutions. WCTA graduates have been accepted to out-of-state universities including: Baylor University, Boston University, Brandeis University, BYU, Carnegie Mellon University, Case Western Reserve University, Cornell University, Dartmouth University, Duke University, Embry-Riddle Aeronautical University, George Washington University, Georgetown University, Harvard University, John Hopkins University Pepperdine University, Princeton University, Purdue University, Rice University, Stanford University Temple University, UC San Diego, US Air Force Academy, US Naval Academy, and Yale University. The class of 2024 earned over \$15.5 million in scholarships.

**WEST TECH OFFERS THE FOLLOWING ADVANCED PLACEMENT COURSES:**

AP African American Studies	AP English Language & Composition	AP Spanish Literature & Culture
AP Biology	AP English Literature & Composition	AP Statistics
AP Computer Science Principles	AP Environmental Science	AP Studio Art: 2D
AP Computer Science A	AP Physics I	AP U.S. Government
AP Calculus AB	AP Physics II	AP U.S. History
AP Calculus BC	AP Psychology	AP World History
AP Chemistry	AP Research	AP PreCalculus
AP Human Geography	AP Seminar	
* Dual Enrollment English 101 & 102	*Dual Enrollment Math 96 & 126	*Dual Enrollment U.S. History 101 & 102

**WEST TECH OFFERS THE FOLLOWING HONORS COURSES:**

Algebra II H	Geometry H	Spanish II H
Biology H	Geoscience H	Spanish III H
Chemistry H	Nursing Assistant H	U.S. Government H
English 9 H	Physics H	U.S. History H
English 10 H	Principles of Anatomy & Physiology H	World History H
English 11 H	Principles of Genetics H	

**WEST TECH OFFERS THE FOLLOWING STUDENT-LED ORGANIZATIONS AND CLUBS:**

Badminton Club	HOSA	National Hispanic Institute Club	Singing Club
Baroque Ensemble	Improv Club	National Honor Society	SkillsUSA
Basketball Club	Jazz Band Club	National Sociedad Honoraria Hispanica	Student Ambassadors
Chess Club	Key Club	One Heart	Student Organization of Latinx Club
Create with Kindness Club	Korean Pop (K-Pop) Culture Club	Orchestra Leadership Council	Tutoring Just For You
Cyberpatriot Club	Legendary Lyrics Club	Pickleball Club	UNICEF Club
Earth Club	Mental Health Club	Red Cross Club	Varsity Quiz Club
Engineering Club	Mock Trial	Research Club	WCTA Student Council
FBLA	Mu Alpha Theta	Robotics Club	Women in STEM Club
FFA	National Alliance on Mental Illnesses	Science Bowl Club	Wrangler Theater Club
Greenhouse Club	National Art Honor Society	Science National Honor Society	
Guitar & Bass Club	National Business Honor Society	Science Olympiad	