



# Westview High School CTE Pathways



## Arts, Media & Entertainment

The AME Pathway focuses on music, painting, drawing, dancing, and performing. It requires independent thinking and self-discipline. Student organizations may include Artist Association, Digital Illustration Club, Graphic Design Studio, Wolverine Film Maker Society, and Theater Company.



## Information & Communication Technology

The ICT Pathway provides students with computer, software, telecommunications, networking, programming, and information systems skills. This pathway meets the national criteria for high wage & high skill jobs. Student organizations may include Cyber Security, Girls Who Code, and Women in Computer Science Club.



## Business, Finance, & Marketing

This Pathway is ideal for students who enjoy working with numbers, working with the public, and who seek opportunities to advance in today's global workplace. Students will learn further about business management, international trade, and various financial service specializations. Student organizations in this field may include DECA.



## Engineering & Architecture

The E & A Pathway provides learning opportunities for students interested in preparing for careers in areas such as architecture, industrial design, and civil engineering. Student organizations in this field may include FIRST Robotics, and Science Olympiad.



## Health Science & Medical Technology

This Pathway is for students who enjoy caring for others. Topics that will be covered include biotechnology, patient care, public health, and medical research laboratories. Student organizations in this field may include American Red Cross Club, Breast Cancer Awareness, Science Olympiad and Young Leaders in Healthcare.

### Additional pathways offerings available to Westview students, but located at other schools:



## Public Services (Mt. Carmel)

The PS Pathway prepares students with a broad-based foundational knowledge in careers that involve public safety. The careers in this pathway include those in fire services, emergency medical services, wildland services, and emergency management. Students in this pathway are able to compete in the Fire Science Challenge.



## Transportation (Mt. Carmel)

The Transportation Pathway is responsible for ensuring that people and things get to the right place, at the right time, for the right price. Students will be able to explore careers such as auto repair, auto refinishing, and other related fields. Student organizations in this pathway may include Sundevil Motorsports Club.



## Building & Construction Trades (Abraxas)

The Building & Construction Pathway prepares students to work with their heads and hands to design buildings and landscapes. Students will learn math, technology skills, and job experience in this industry. Students in this pathway work closely with the Abraxas Garden to develop new and innovative projects.



In order to become a pathway completer, a student must complete 20 credits in both a concentrator and capstone course OR two capstone courses in the **same** pathway. Students who achieve **CTE Pathway Completion** will receive a **certificate**, a **notation on their transcript**, and a **special diploma seal** for each pathway they complete.



## Arts, Media and Entertainment Industry Sector

Design, Visual and Media Arts Pathway	Level	UC/CSU A-G	College Credit
Photography 1-2	Concentrator	(f) Visual Arts	Palomar PHOT 120
<b>Photography 3-4</b>	Capstone	(f) Visual Arts	
Graphic Design 1-2	Intro	(f) Visual Arts	Palomar GC 100
Graphic Design 3-4	Concentrator	(f) Visual Arts	Palomar GCIP 152
<b>Graphic Design 5-6</b>	Capstone	(f) Visual Arts	
Studio Art (Drawing, 2D, & 3D)	Concentrator	(f) Visual Arts	
<b>AP Studio Art (Drawing, 2D, &amp; 3D)</b>	Capstone	(f) Visual Arts	
Performing Arts Pathway	Level	UC/CSU A-G	College Credit
Drama 1-2	Intro	(f) Theater	
Drama 3-4	Concentrator	(f) Theater	
<b>Drama 5-6</b>	Capstone	(f) Theater	
<b>Theater Arts Study &amp; Performance 7-8</b>	Capstone	(f) Theater	
Production & Managerial Arts Pathway	Level	UC/CSU A-G	College Credit
Digital Media Production 1-2	Concentrator	(f) Visual Arts	
<b>Digital Media Production 3-4</b>	Capstone	(f) Visual Arts	Palomar DBA 170
<b>Digital Media Production Advanced</b>	Capstone		
<b>Broadcast Journalism/TV Production 1-2</b>	Capstone	(g) Interdisciplinary	Palomar DBA 120
<b>Broadcast Journalism 3-4</b>	Capstone	(f) Visual Arts	
Technical Theater Production/Theater 1-2	Concentrator	(f) Theater	
<b>Technical Theater Production/Theater 3-4</b>	Capstone	(f) Theater	



## Business, Finance and Marketing Industry Sectors

Business Management Pathway*	Level	UC/CSU A-G	College Credit
Computer Information Systems 1-2	Intro		
Computer Information Systems Adv.	Intro		
Web Design 1-2	Concentrator	(f) Visual Art	

*\*This pathway does not have a Capstone course so will not help students become completers*

Financial Services Pathway	Level	UC/CSU A-G	College Credit
Economics of Business Ownership	Concentrator	(g) Hist/Soc. Science	
Intro to Finance 1-2	Concentrator	(g) Mathematics	Palomar BUS 136
<b>Accounting 1-2</b>	Capstone	(g) Mathematics	Palomar ACCT 101

Marketing Pathway	Level	UC/CSU A-G	College Credit
<b>Marketing Economics 1-2*</b>	Capstone	(g) Elective	

*\* This is an incomplete pathway so will not help students become completers*



## Engineering & Architecture Industry Sector

Engineering Design Pathway	Level	UC/CSU A-G	College Credit
PLTW Intro to Engineering Design 1-2	Concentrator	(d) Engineering	Palomar ENGR 101
<b>PLTW Honors Principles of Engineering 1-2</b>	Capstone	(d) Engineering	Palomar ENGR 126

Engineering Technology Pathway	Level	UC/CSU A-G	College Credit
<b>PLTW Digital Electronics</b>	Capstone	(d) Engineering	TBD
<b>PLTW Engineering Design &amp; Development</b>	Capstone	(d) Science	



## Information & Communication Technology Industry Sector

Software & Systems Development Pathway	Level	UC/CSU A-G	College Credit
Intro to Computer Programming 1-2	Concentrator	(g) Comp Sci	
<b>AP Computer Science Principles 1-2</b>	Capstone	(d) Comp Sci	
<b>AP Computer Science A 1-2</b>	Capstone	(c) Mathematics	
<b>Data Structures</b>	Capstone	(g) Comp Sci	



## Health Science & Medical Technology Industry Sector

Biotechnology Pathway	Level	UC/CSU A-G	College Credit
PLTW Human Body Systems 1-2	Concentrator	(d) Life Science	
<b>PLTW Honors Medical Interventions 1-2</b>	Capstone	(d) Life Science	

Healthcare Operational Support	Level	UC/CSU A-G	College Credit
Sports Medicine/Athletic Training 1-2	Concentrator	(g) Interdisciplinary	
<b>Sports Medicine/Athletic Training 3-4</b>	Capstone	(g) Interdisciplinary	

**\*\*\*Pathway offerings available to Poway High students located at other schools\*\*\***



## Building & Construction Trade Industry Sector

Available at Abraxas High School for all PUSD Students

Residential & Commercial Construction 1-2	Level A	UC/CSU A-G	College Credit
Construction Technology 1-2	Concentrator		
Construction Technology 3-4	Capstone		
Electrical 1-2	Capstone		
HVAC & Refrigeration 1-2 (online)	Capstone		
Plumbing Technology 1-2 (online)	Capstone		



## Public Service Industry Sector

Available at Mt. Carmel High School for all PUSD Students

Emergency Response Pathway	Level	UC/CSU A-G	College Credit
Fire Science 1-2	Concentrator		FIRE 51 & FIRE 100
<b>Fire Science 3</b>	Capstone		FIRE 51 & FIRE 100
<b>First Responder</b>	Capstone		EME 100



## Transportation Industry Sector

Available at Mt. Carmel High School for all PUSD Students

Systems Diagnostics, Services, & Repairs Pathway	Level	UC/CSU A-G	College Credit
Auto Technology 1-2	Concentrator		Palomar AT 102
Auto Technology 3-4	Capstone		
Auto Technology 5-6	Capstone		