Career Technical Education Pathways

VALLEY HIGH SCHOOL

Industry Sector → Arts, Media, & Entertainment

	Design, Visual, & Media Arts Pathway *Digital Media Arts Academy (DMAA)*				
	Elementary School	**Intermediate School**	**High School**		**College (Dual Enrollment)**
	PLTW Launch Roosevelt Muir Garfield Thorpe **Engage 360**	**STEAM Digital Media 8142A** Carr, McFadden, Willard & Villa	**Art of Graphic Design I UC a-g (f) 325A** **Articulated *CCC/SAC (3 Credits) *GWC (2 Credits)** ---or--- **Video Production I 335Z**	**Art of Animation I UC a-g (f) 321T** **Articulated *CCC (1.5 Credits) *GWC/IVC/SAC (Pending)**	**Professional Internship 860T** (Available after completion of Art of Graphic Design I and/or Art of Animation I)	**Photography 180 *SAC (3 Credits)**
		STEAM MS/Google 8140A Carr, MacArthur, Mendez, Spurgeon & Villa				

Industry Sector → Business & Finance

	Financial Services Pathway *Global Business Academy ~ California Partnership Academy (CPA)*				
	Elementary School	**Intermediate School**	**High School**		**College (Dual Enrollment)**
		STEAM MS/Google 8140A Car, MacArthur, Mendez, Spurgeon & Villa **Tech Squad 4597T** Carr & MacArthur **Technology 9709ZF/ZS** Carr, MacArthur & Villa	**Application of Business Technology UC a-g (g) 854T/TF/TS** **Articulated *CCC/SAC (3 Credits) *GWC (2 Credits) MOS Certification**	**Accounting with QuickBooks UC a-g (g) 871T** **Articulated *FCC (5 Credits) SAC (4 Credits) SCC (2 Credits)**	**Business Economics & Finance UC a-g (g) 858T**	**Business 100 *SAC (3 Credits)** **Business 125 *SAC (3 Credits)**

CTE course offerings and career pathways are subject to changes.
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*OCC- Orange Coast College   *SAC- Santa Ana College   *SCC- Santiago Canyon College   2/18/2017

Career Technical Education Pathways

VALLEY HIGH SCHOOL

Industry Sector →	Engineering & Architecture			
	Engineering Design Academy			
	Elementary School	**Intermediate School**	**High School**		**College (Dual Enrollment)**

	Elementary School	Intermediate School	High School			College (Dual Enrollment)
	PLTW Launch Roosevelt Muir Garfield Thorpe **Engage 360**	**Automation & Robotics (AR) PLTW 6129A** Carr, Esqueda, Lathrop, MacArthur, Mendez, Santiago, Spurgeon & Villa **Design & Modeling (DM) PLTW 6139A** Esqueda, Lathrop, McFadden, Mendez, Spurgeon, Villa & Willard **Flight & Space PLTW 6159A** Esqueda **STEAM Maker 6160A** Vila	**Introduction to Engineering Design (PLTW) UC a-g (g) 667A** **Articulated *IVC/SAC (3 Credits)**	**Principles of Engineering Design (PLTW) UC a-g (g)** **Articulated *SAC (3 Credits)**	**AP Computer Science Principles UC a-g (g)**	**Network + CST C128 *CCC (3 Credits)**

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Career Technical Education Pathways

VALLEY HIGH SCHOOL

Industry Sector → Health Science & Medical Technology					
	Patient Care Pathway *(Dental Assistant)*				
	Elementary School	**Intermediate School**	**High School**		**College (Dual Enrollment)**
	PLTW Launch Roosevelt Muir Garfield Thorpe **Engage 360**	**Medical Detectives PLTW 6129A** Esqueda, Lathrop, MacArthur, McFadden & Santiago	**Medical Core UC a-g (g) 927T** **Articulated** ***CCC (3 Credits) *OCC/SAC (Pending)** **First Aid/CPR Certification**	**Dental Assistant UC a-g (g) 898T**	**Advanced Dental Assistant Internship UC a-g (g) 899T (Extended Learning)** ---or---- **Hospital Occupations Internship 930T (Extended Learning)**	**Fall 2016 Kinesiology 101 *SAC (3 Credits)**

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Career Technical Education Pathways

VALLEY HIGH SCHOOL

Industry Sector → Health Science & Medical Technology

	Patient Care Pathway *(Medical Assistant)*				
	Elementary School	Intermediate School	High School		College (Dual Enrollment)
	PLTW Launch Roosevelt Muir Garfield Thorpe **Engage 360**	**Medical Detectives PLTW 6129A** Esqueda, Lathrop, MacArthur, McFadden & Santiago	**Medical Core UC a-g (g) 927T** **Articulated *CCC (3 Credits) *OCC/SAC (Pending)** **First Aid/CPR Certification**	**Medical Assistant Clinical UC a-g (g) 946T** (Expanded Optics Unit embedded) ---or---- **Hospital Occupations Internship 930T** (Extended Learning)	**Medical Assisting Front Office 947T** ---and/or---- **Advanced Medical Assistant Clinical Internship UC a-g (g) 949T** (Extended Learning)	**Fall 2016 Kinesiology 101 *SAC (3 Credits)**

Career Technical Education Pathways

VALLEY HIGH SCHOOL

Industry Sector → Hospitality, Tourism & Recreation					
	Food Service & Hospitality Pathway				
	Elementary School	**Intermediate School**	**High School**		**College (Dual Enrollment)**
	PLTW Launch Roosevelt Muir Garfield Thorpe **Engage 360**	**Technology 9709ZF/ZS** Carr, MacArthur & Villa	**Culinary Arts UC a-g (g) 893T** **Articulated *OCC/SAC (3 Credits)** **ServSafe ® Food Handler Certification**	**Culinary & Restaurant Management I UC a-g (g) 896T** **ProStart National Restaurant Certification**	**Introduction to Baking & Pastries Culinary Arts 198 *SAC (3 Credits)**
				Advanced Culinary & Restaurant Management I UC a-g (g) 896T **ProStart National Restaurant Certification** ---and/or--- **Professional Internship 860T**	

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Career Technical Education Pathways

VALLEY HIGH SCHOOL

Industry Sector → Transportation					
	Systems Diagnostics & Service Pathway				
	Elementary School	Intermediate School	High School		College (Dual Enrollment)
	PLTW Launch Roosevelt Muir Garfield Thorpe Engage 360	Technology 9709ZF/ZS Carr, MacArthur & Villa	Auto MLR I UC a-g (g) 845T Articulated *SAC (3 Credits) ASE/NATEF Certification	Auto MLR II UC a-g (g) 846T Articulated *SAC (3 Credits) ASE/NATEF Certification	Auto MLR III UC a-g (g) 847T ASE/NATEF Certification

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*OCC- Orange Coast College   *SAC- Santa Ana College   *SCC- Santiago Canyon College   2/18/2017