







College and Career Pathways



VALLEY HIGH SCHOOL

2020-2021

Arts, Media, & Entertainment					
Design, Visual, & Media Arts (111)					
New Media Academy					
Elementary School	Intermediate School	High School Pathway		High School Completer	College/ Dual Enrollment Option
K - 5	6 - 8	9-10	11	12	
PLTW Launch Roosevelt Muir Garfield Thorpe Engage 360	STEAM Digital Media 8142A/AF/AS McFadden, Santiago, Villa Level 1	Art of Graphic Design I UC a-g (f) 325AF/AS Articulated *CCC/SAC (3 Units) Level 2 <i>Industry Certification</i> 	Art of Animation I UC a-g (f) 321TF/TS Articulated *CCC (1.5 Units) *SAC (3 Units) Level 3 <i>Industry Certification</i>  ---OR--- Design in Social Media & Web UC a-g (f) (TBD) Level 3 <i>Industry Certification</i> 	Art of Animation II UC a-g (f) 322TF/TS Articulated *CCC (1.5 Units) <i>Industry Certification</i>  Adobe	In Development
	STEAM MS/Google 8140A/AF/AS Carr, Mendez, Villa Level 1	Professional Internship Arts Media 860TA Level 3			

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Last Revise date: 8/6/19

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2020-2021

Arts, Media, & Entertainment						
Production & Managerial Arts (113)						
New Media Academy						
Elementary School	Intermediate School	High School Pathway			High School Completer	College/ Dual Enrollment Option
K - 5	6 - 8	9	10	11	12	
PLTW Launch Roosevelt Muir Garfield Thorpe Engage 360	STEAM Digital Media 8142A/AF/AS McFadden, Santiago, Villa Level 1	Art of Graphic Design I 325A/AF/AS UC a-g (f) Articulated *CCC/SAC (3 Units) <i>Industry Certification</i> 	Video Production & Multimedia 335T UC a-g (f) Level 2	Advanced Video Production & Multimedia 978T UC a-g (f) Level 3	Professional Internship Production Management 860TB Level 3	In Development
	STEAM MS/Google 8140A/AF/AS Carr, Mendez, Villa Level 1					

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Business & Finance					
Business Management (182)					
Global Business Academy ~ California Partnership Academy (CPA)					
Elementary School	Intermediate School	High School Pathway		High School Completer	
K - 5	6 - 8	9	10	11	12
PLTW Launch Roosevelt Muir Garfield Thorpe Engage 360	STEAM MS/Google 8140A/AF/AS Carr, Mendez, Villa Level 1	Application of Business Technology UC a-g (g) 854TJ	Fundamentals of Business UC a-g (g) (TBD)	Accounting with QuickBooks 871TF/TS UC a-g (g) Articulated *FCC (5 Units) *SCC (2 Units) Level 3	DUAL ENROLLMENT FALL Fundamentals of Business (BUS 100) 991BDS *SAC (3 Units)
		Articulated *SAC (3 Units)	Articulated *SAC (3 Units)	Level 3	SPRING
		Level 2	Dual Enrollment 991BDS	Summer	Introduction to International Business (BUS 125) 991BRS *SAC (3 Units)
		MOS Certification 	** (Adopt New Course Fall 2020)	Professional Internship UC a-g (g) 860TJ Level 3	

**SAC course BUS 100 will be replaced by BUS 106 in Fall 2020

Upon completion of Dual Enrollment courses BUS100, BUS106, and BUS125 students will receive an International Business Certificate.

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VALLEY HIGH SCHOOL 2020-2021

Engineering & Information and Communication Technologies

Engineering Design (152) Software & Systems Development (174)

Engineering Design/ Computer Science

Elementary School	Intermediate School	High School Pathway			High School Completer	College/ Dual Enrollment Options
K - 5	6 - 8	9	10	11	12	Fall
PLTW Launch Roosevelt Muir Garfield Thorpe Engage 360	Computer Science for App Creators PLTW 6162AF/AS ALA, Carr, Esqueda, Lathrop, MacArthur, McFadden, Sierra, Villa Willard Level 1	Exploring Computer Science 459TF/TS UC a-g (g) Level 2	Introduction to Engineering Design (PLTW) 667A UC a-g (g) Articulated *IVC (3 Units) Level 2 ** Students who are involved in outside competitions will be eligible for Honors credit	Principles of Engineering Design (PLTW) 668A UC a-g (g) Articulated *SAC (3 Units) Level 3 ** Students who are involved in outside competitions will be eligible for Honors credit Summer Professional Internship Software Development 860TI Level 3	Option 1 AP Computer Science Principles 483T UC a-g (g)	A+ Hardware CST 116 Industry Certification:
	Design & Modeling PLTW 6139AF/AS ALA, Esqueda, Lathrop, McFadden, Mendez, Santiago, Spurgeon, Villa & Willard Level 1				Option 2 AP Computer Science A 482A UC a-g (g)	
	Automation & Robotics PLTW 6129AF/AS ALA, Carr, Esqueda, Lathrop, MacArthur, McFadden, Mendez, Santiago, Spurgeon, Villa & Willard Level 1				Option 3 Engineering Design and Development UC a-g (g) (pending) Level 3 ** Students who are involved in outside competitions will be eligible for Honors credit	
	STEAM Coding 8141A/AF/AS ALA & Heninger Level 1					

Software Pathway- Light Blue

Engineering Pathway- Light Grey

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Health Science & Medical Technology						
Patient Care (198)						
Health Academy						
Elementary School	Intermediate School	High School Pathway		High School Completer		College/ Dual Enrollment Option
K - 5	7 & 8	9	10	11	12	
PLTW Launch Roosevelt Muir Garfield Thorpe Engage 360	Medical Detectives PLTW 6129A/AF/AS Lathrop, MacArthur, McFadden & Santiago Level 1	Medical Core UC a-g (g) 928TF/TS Extended Learning 927TF/TS Articulated *CCC/SAC (3 Units) Level 2 First Aid/CPR Certification 	In Development	Option 1	Option 1	Advanced Medical Terminology MA051B *SAC (3 units)**
					Medical Assisting Front Office 947TF/TS Level 3	
				Option 2	Option 2	Clinical Back Office MA055 *SAC (3 units)**
				Medical Assistant Clinical UC a-g (g) 946TF/TS Level 3 AHA/BLS/CPR/AED Certification 	Fall Dental Assistant 898T/TF/TS UC a-g (g) Extended Learning Level 3	
		Summer	Spring	Medical Insurance and Billing MA054 *SAC (3 units)** 		
				Advanced Medical Assistant Clinical Internship 949T UC a-g (g) Level 3	Adv. Dental Assistant Internship UC a-g (g) 899TF/TS Extended Learning Level 3	

****Students completing MA051A (Articulated with Medical Core), MA051B, MA053, MA054, MA055 through SAC may be eligible for the Medical Assistant- Administrative/Clerical Certificate of Achievement**

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Hospitality, Tourism & Recreation									
Food Service & Hospitality (201) <i>Culinary Arts Academy</i>									
Elementary School	Intermediate School	High School Pathway			High School Completer				
K - 5	6 - 8	9	10	11	12				
PLTW Launch Roosevelt Muir Garfield Thorpe Engage 360	STEAM MS/Google 8140A/AF/AS Carr, Mendez, Villa Level 1	Spring 2020 Check in with the instructor on how this course is working with students Culinary Arts UC a-g (g) 893T	Culinary Arts UC a-g (g) 893T Articulated *OCC/SAC (3 Units) Level 2 <i>Industry Certification</i> 	Culinary & Restaurant Management I 896T UC a-g (g) Articulated *OCC/SAC (3 Units) Level 3 <i>Industry Certification</i> 	OPTION 1 Advanced Culinary & Restaurant Management 897T UC a-g (g) Articulation Level 3 <i>Industry Certification</i> 	OPTION 2 FALL Introduction to Baking & Pastries (CULN 140) D19957 Dual Enrollment *SAC (3 Units) 			
			SPRING DUAL ENROLLMENT					SPRING	
			In Development 2020-2021						
					Culinary Arts UC a-g (g) 893T	(Articulated) Food Sanitation & Safety (CULN 110) D17781 SAC (3 Units) 	(Spring 2020) (Dual Enrollment) Restaurant Management & Culinary (CULN120) D19953 SAC (3 Units) 	Advanced Culinary & Restaurant Management (CULN130) D19955 SAC (3 Units) 	Advanced Culinary & Restaurant Management (CULN130) D19955 @SAC (3 Units)  In Development Spring 2020
					Professional Internship Hospitality 860TM	Professional Internship Hospitality 860TM			

Culinary
 New 10th grade class.
 Raquel – Work to tighten articulation for the 10th grade year.



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Transportation						
Pathway → Systems Diagnostics & Service (221)						
Automotive Academy						
Elementary School	Intermediate School	High School Pathway			High School Completer	College/ Dual Enrollment Option
K - 5	6 - 8	9	10	11	12	
PLTW Launch Roosevelt Muir Garfield Thorpe Engage 360	Automation & Robotics PLTW 6129AF/AS ALA, Carr, Esqueda, Lathrop, MacArthur, McFadden, Mendez, Santiago, Spurgeon, Villa & Willard Level 1	Auto MLR I 845T/TF/TS UC a-g (g) Articulated *SAC/FCC (3 Units) Level 2 Industry Certificate 	In Development 2020-2021	Auto MLR II 846T UC a-g (g) Articulated *SAC/FCC (3 Units) Level 3 Industry Certification	Auto MLR III 847T UC a-g (g) includes Internship Level 3 Industry Certification 	Automotive Technology 122 Electronics Fundamental *SAC (5 Units)
	Flight & Space PLTW 6159AF/AS Carr, Esqueda, McFadden Level 1	Professional Internship Transportation 860TN Level 3				

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