

Career Technical Education (CTE) is designed to provide students with skills required for employment in specific careers. The state of California has identified 15 industry sectors, 13 of which are represented in CVUSD. Career Pathways are series of courses that when taken in order, can expose students to increasingly advanced technical skills. When taken in sequence, students are considered "pathway completers" (see chart below).

- Pathways are designed to be taken in the order listed: Introductory (where available), Concentrator, then Capstone. Courses must be taken in this sequence for students and schools to receive CTE completer credit – which figures into CCRI.
- Students are encouraged to seek certification in the pathway when available.

Agriculture & Natural Resources			Meets UC a-g	9th Grade	10th Grade	11th Grade	12th Grade	Buena Vista HS	Chino HS	Chino Hills HS	Don A. Lugo HS	Ruben S. Ayala HS
Agriculture Business	<b>Introductory</b>	Introduction to Agriculture – 5840		X	X	X	X				X	
	<b>Concentrator</b>	Agriculture Leadership - 5E08	g		X	X	X					
	<b>Capstone</b>	Agriculture Project – 5844		X	X	X	X				X	
		Agriculture Economics – 5305	g				X					
Agriculture Mechanics	<b>Introductory</b>	Introduction to Agriculture – 5840		X	X	X	X				X	
	<b>Concentrator</b>	Agriculture Mechanics – 5838		X	X	X	X				X	
	<b>Capstone</b>	Advanced Agriculture Mechanics – 5839			X	X	X				X	

Agriscience	Introductory	Introduction to Agriculture – 5840		X	X	X	X				X	
	Concentrator	Agriculture Chemistry – 5U06	d	X	X	X	X				X	
	Capstone	Nursery/Greenhouse – 5845			X	X	X				X	
Animal Science	Introductory	Introduction to Agriculture – 5840		X	X	X	X				X	
	Concentrator	Agriculture Biology – 5404	d	X	X	X	X				X	
	Capstone	Veterinary Science Anatomy & Physiology – 5407	d		X	X	X					
Ornamental Horticulture	Introductory	Introduction to Agriculture – 5840	g	X	X	X	X					
	Concentrator	Floriculture & Floral Design – 5847	f		X	X	X				X	
		ROP Landscape Design – 5R40			X	X	X					
	Capstone	Advanced Floriculture – 5850			X	X	X				X	
		ROP Landscape & Turf Management – 5R41										
Arts, Media & Entertainment			Meets UC a-g	9th Grade	10th Grade	11th Grade	12th Grade	Buena Vista HS	Chino HS	Chino Hills HS	Don A. Lugo HS	Ruben S. Ayala HS
Design, Visual, and Media Arts	Introductory	Intro to Digital Media – C5E67	f	X	X	X				X		
		3D Animation - 5755				X	X		X			
		Digital Photo - 5763			X	X	X		X		X	X
		Intro to Film and Video Production – C5P06	f	X	X	X	X			X		
	Concentrator	Digital Imaging – 5817	f		X	X	X		X	X	X	X
		Graphic Design - 5759	f		X	X	X					

		ROP Stage 1: Intro Stage Technology – R5712	f	X	X	X	X			X		
	Capstone	Digital Image 2– 5809				X	X		X	X		X
		Digital Video 2 – 5837			X	X	X		X	X	X	
		ROP Stage 4: Arts Management – R5713			X	X	X			X		
		ROP Stage 2: Intermediate Stage Tech – R5714			X	X	X			X		
Game Design and Integration	Introductory											
	Concentrator	Digital Video 1 - 5793										
	Capstone	Digital Video 2 - 5837			X	X	X		X	X	X	
Building Trades & Construction			Meets UC a-g	9th Grade	10th Grade	11th Grade	12th Grade	Buena Vista HS	Chino HS	Chino Hills HS	Don A. Lugo HS	Ruben S. Ayala HS
Residential and Commercial Construction	Introductory	ROP Introduction to Construction – 5R31		X	X	X	X					
		Introduction to Woodworking - 5878		X	X	X	x					
	Concentrator	ROP Construction & Building Technology – 5R32		X	X	X	X					
		Cabinet Making - 5880				X	X					
	Capstone	ROP Apartment and Home Repair – 5R33		X	X	X	X					
Business & Finance			Meets UC a-g	9th Grade	10th Grade	11th Grade	12th Grade	Buena Vista HS	Chino HS	Chino Hills HS	Don A. Lugo HS	Ruben S. Ayala HS

<b>Business Management</b>	<b>Introductory</b>	Desktop Publishing - 5829			X	X	X					
		Computer Technology 1 – 5824		X	X	X	X		X			
	<b>Concentrator</b>	Advanced Computers – 5828		X	X	X	X					
		Computer Applications – 5827		X	X	X	X		X			X
		Computer Technology 2 – 5825	g	X	X	X	X		X			
		Computer Technology 3 – 5826	g	X	X	X	X					
	<b>Capstone</b>											
<b>Education, Child Development, &amp; Family Services</b>			<b>Meets UC a-g</b>	<b>9th Grade</b>	<b>10th Grade</b>	<b>11th Grade</b>	<b>12th Grade</b>	<b>Buena Vista HS</b>	<b>Chino HS</b>	<b>Chino Hills HS</b>	<b>Don A. Lugo HS</b>	<b>Ruben S. Ayala HS</b>
<b>Education</b>	<b>Introductory</b>											
	<b>Concentrator</b>	Developmental Psychology of Children – 5860	g		X	X	X			X		
		CTE Library Science 1 – C5950	g			X	X		X		X	
	<b>Capstone</b>	CTE Library Science 2 – C5958	g			X	X		X		X	
<b>Engineering &amp; Architecture</b>			<b>Meets UC a-g</b>	<b>9th Grade</b>	<b>10th Grade</b>	<b>11th Grade</b>	<b>12th Grade</b>	<b>Buena Vista HS</b>	<b>Chino HS</b>	<b>Chino Hills HS</b>	<b>Don A. Lugo HS</b>	<b>Ruben S. Ayala HS</b>

Engineering Technology	Introductory											
	Concentrator	Digital Electronics (PLTW) – 5954	g	X	X	X	X				X	
	Capstone		g	X	X	X	X					
Engineering Design	Introductory	Introduction to Design (PLTW) – C5P02	f	X	X	X	X				X	X
		Engineering Essentials (PLTW) – C5P07	g	X	X	X	X				X	
	Concentrator	Principles of Engineering (PLTW) – 5937	g		X	X	X				X	X
		Civil Engineering and Architecture (PLTW) – 5889	g		X	X	X				X	
	Capstone	Engineering Design & Development (PLTW) -C5P03	g				X				X	
		Aerospace Engineering (PLTW) – C5P05	g		X	X	X					X
Fashion & Interior Design			Meets UC a-g	9th Grade	10th Grade	11th Grade	12th Grade	Buena Vista HS	Chino HS	Chino Hills HS	Don A. Lugo HS	Ruben S. Ayala HS
Fashion Design & Merchandising	Introductory											
	Concentrator	Clothing – 5861		X	X	X	X					X
		Creative Clothing – 5863										X
	Capstone	Clothing 2 – 5862		X	X	X	X					X
Health Science & Medical Technology			Meets UC a-g	9th Grade	10th Grade	11th Grade	12th Grade	Buena Vista HS	Chino HS	Chino Hills HS	Don A. Lugo HS	Ruben S. Ayala HS

Patient Care	Introductory	Principles of Biomedical Science – 5931	d	X	X	X	X					
	Concentrator	ROP Sports Medicine – 5R06	g	X	X	X	X		X	X	X	X
		ROP Healthcare Occupations – 5R01	g	X	X	X	X			X		
		ROP Health Support Services – 5R03		X	X	X	X			X		
		Human Body Systems – 5P04	d		X							
	Capstone	Sports Medicine CTWEE (community classroom)										
Hospitality, Tourism, & Recreation			Meets UC a-g	9th Grade	10th Grade	11th Grade	12th Grade	Buena Vista HS	Chino HS	Chino Hills HS	Don A. Lugo HS	Ruben S. Ayala HS
Food Service & Hospitality	Introductory	Food Technology & Nutrition – 5851	g	X	X	X	X		X			X
	Concentrator	Creative Foods – 5853			X	X	X					
		Culinary Arts 1 – 5856	g		X	X	X		X	X		
		ROP Food & Hospitality Services – 5R12									X	
		International Foods – C5E72	g		X	X	X		X			
	Capstone	Culinary Arts 2 – C5857	g		X	X	X		X	X		
		ROP Food & Beverage Production & Preparation – 5R13									X	
Hospitality, Tourism, & Recreation	Introductory	Introduction to Business, Hospitality, & Tourism – 5E17	g	X	X	X	X			X		
	Concentrator	Management of Hospitality and Tourism – 5E64	g		X	X	X			X		
	Capstone	Hospitality Consumer Economics – C5H04	g				X			X		
		Hospitality Senior Project – C5E69	g				X			X		

Information & Communication Technologies			Meets UC a-g	9th Grade	10th Grade	11th Grade	12th Grade	Buena Vista HS	Chino HS	Chino Hills HS	Don A. Lugo HS	Ruben S. Ayala HS
Software & Systems Development	Introductory	Technology Core – 5830		X	X						X	
	Concentrator											
	Capstone	ROP Computer Programming & Game Design – 5R09	g	X	X	X	X					X
Manufacturing & Product Development			Meets UC a-g	9th Grade	10th Grade	11th Grade	12th Grade	Buena Vista HS	Chino HS	Chino Hills HS	Don A. Lugo HS	Ruben S. Ayala HS
Welding & Materials Joining	Introductory	Metal Tech - 5890		X	X	X	X					
	Concentrator	ROP Welding Technology – 5R21		X	X	X	X				X	
	Capstone											
Marketing, Sales & Services			Meets UC a-g	9th Grade	10th Grade	11th Grade	12th Grade	Buena Vista HS	Chino HS	Chino Hills HS	Don A. Lugo HS	Ruben S. Ayala HS

