

School: Palm Springs High School

Academy/Pathway: Welding and Manufacturing (213-PS)



Palm Springs Unified School District Academy/Pathway Course of Study

Level	Grade	English Language Arts	Math	Social Studies	Science	Career Technical Education	Other Required Courses or Recommended Electives	Sample Occupations Relating to the Pathway
Middle School	7							<b>Occupations Requiring Less Than a Baccalaureate Degree</b> <ul style="list-style-type: none"> <li>Assemblers</li> <li>Automated Manufacturing Technician</li> <li>Solderers, Brazers, and Welders</li> </ul>
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Secondary	9	English I	Integrated Math I		Living Earth	Welding I (5292)	P.E. Foreign Language	
	10	English II	Integrated Math II	World History	Chemistry	Welding II (5293)	P.E. Foreign Language	
	11	English III	Integrated Math III	U.S. History	Physics CP	Welding III (5294)	Visual and Performing Arts P.E. or Foreign Language if needed.	
	12	English IV	Mathematical Reasoning with Content (MRWC)	Government Economics		Welding IV (5294)		
College courses below are for illustration. Actual courses a student may be enrolled in may vary based upon academic readiness.								
Post-Secondary	13 F	A-2: ENG 001A composition ENG by placement	Math 40: Algebra (by placement)	C-2: Literature or Foreign Language	COUN 12: Life Planning & Kine	WELD 010 (OXY-ACETYLENE GAS WELDING)		<b>Industry Recognized Certifications, Licenses, or Credentials Related to This Pathway</b> <ul style="list-style-type: none"> <li>Welding Certification (e.g., AWS Certified Welder)</li> <li>Good Manufacturing Practice (GMP)</li> <li>Lean Six Sigma Certification</li> <li>Soldering Certification (e.g., IPC Cert)</li> <li>Project Management Certification (PMP)</li> </ul>
	13 S	Kine – 2 units	B-4: Math 010 College Algebra	D-8: PS 001 American Government	B-1: Physical Science	WELD 011 (SHIELDED METAL ARC WELDING)		
	14 F	A-3: SOC 4 Critical Thinking	A-1: COMM 001 Public Speaking	D-6: American History	DDP010: Graphic Design I	WELD 012 (BASIC GAS METAL ARC WELDING-MIG)		
	14 S	C-1: ART 003A Design and Color	C-1: Art 12A Asian Art	D-9: Psychology	B-2: Life Science B-3: Lab Science			
		Academy/Pathway Course	Dual Enrollment Course	CTE Meets UC a-g Entrance Requirements	Minimum UC a-g Entrance Requirement + 1 a-g approved elective	Concurrent or Articulated		