School: Desert Hot Springs High School

Academy/Pathway: Renewable Energy Academy of Learning (REAL) a California Partnership Academy (143-DH)

PSUSD PALM SPRINGS UNIFIED SCHOOL DISTRICT

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					Engineering Design and Robotics (7638)	.		**Occupations Requiring Less Than a Baccalaureate Degree** • Photovoltaic Installers • HVAC Technicians • Solar Water Heater Installers • Plumbers • Electricians • Water and Wastewater Treatment • Environmental Technician **Occupations Requiring a Baccalaureate Degree** • Construction Project Managers • Energy Auditors • Photovoltaic Designers • Documentation Specialists • Power Systems/Transmission Engineer **Industry Recognized Certifications, Licenses, or Credentials Related to This Pathway** • NCCER • NABCEP Solar PV Installation Specialist • HVAC Technician Certification • Electrician Certification • Leadership in Energy and Environmental Design (LEED) • OSHA 10/30 Hour Card– General Industry or Construction
	8					Engineering Design and Robotics (7638)			
Secondary	9	English I	Integrated Math I		Living Earth	Renewable Energy I (5110N)	P.E.	Foreign Language	
	10	English II	Integrated Math II	World History	Chemistry	Renewable Energy II (5111N)	P.E.	Foreign Language	
	11	English III	Integrated Math III	U.S. History	Physics CP	Renewable Energy III (5112N)*	Visual and Performing Arts	P.E. or Foreign Language if needed.	
	12	English IV	Mathematical Reasoning with Content (MRWC)	Government Economics	Engineering Your World	Renewable Energy IV (5113N)			
	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*	*ESYS 001: Intro to the Power Industry*	*BUMA 032: Human Relations in the Workplace*		
	13 S	*Kine – 2 units*	*B-4: Math 010 College Algebra*	*D-8: PS 001 American Government*	*B-1: Physical Science*	*ESYS 002: Electricity & Electrical Theory*	*NR 001: Conservation of Natural Resources*		
	14 F	*A-3: SOC 4 Critical Thinking*	*A-1: COMM 001 Public Speaking*	*D-6: American History*	*DDP010: Graphic Design I*	ESYS 003: Energy Systems Technology	ACR 007: Energy Conservation Methods for HVACR		
	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*	ESYS 004: Industrial Calculations			
		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 – Credit by exam *COD ESYS 002			