


Career Cluster: Energy					CTE Program: Solar Energy Technology (8006100)		
Career Cluster Pathway: Teaching/Training					Industry Certification: CEWFD001 Energy Industry Fundamentals Certification		
	16 CORE CURRICULUM CREDITS					8 ADDITIONAL CREDITS	
	ENGLISH 4 credits	MATH 4 credits	SCIENCE 3 credits, 2 with lab	SOCIAL STUDIES 3 credits	OTHER REQUIRED COURSES FINE ARTS (1 credit) PHYSICAL EDUCATION (1 credit)	CAREER AND TECHNICAL EDUCATION COURSES	RECOMMENDED ELECTIVES (ALIGNED WITH COMMUNITY COLLEGE & STATE UNIVERSITY SYSTEM PROGRAMS)
HIGH SCHOOL	Students are encouraged to use fchoices.org to explore careers and postsecondary options.						
	Students are also encouraged to participate in dual enrollment courses which may be used to satisfy high school graduation or Bright Futures Gold Seal Vocational Scholars course requirements.						
	9 th	Please see Graduation Checklist	Please see Graduation Checklist	Please see Graduation Checklist	Please see Graduation Checklist	Physical Education (1 credit)	Energy Industry Fundamentals (8006110) Foreign Language for SUS admission or other elective appropriate for student's career and education plan.
	10 th	Please see Graduation Checklist	Please see Graduation Checklist	Please see Graduation Checklist	Please see Graduation Checklist	Introduction to Alternative Energy (8006120)	Foreign Language for SUS admission or other elective appropriate for student's career and education plan.
	11 th	Please see Graduation Checklist	Please see Graduation Checklist	Please see Graduation Checklist	Please see Graduation Checklist	Practical Arts or Fine Arts course (1 credit)	Solar Energy Technician (8006130) Other elective course appropriate for student's career and education plan.
12 th	Please see Graduation Checklist	Please see Graduation Checklist	Please see Graduation Checklist	Please see Graduation Checklist	Dual Enrollment/Internship	Other elective course appropriate for student's career and education plan.	
POSTSECONDARY	Based on the Career Cluster of interest and identified career and technical education program, the following postsecondary options are available.						
	TECHNICAL CENTER PROGRAM(S)	COMMUNITY COLLEGE PROGRAM(S)			UNIVERSITY PROGRAM(S)		
	Solar Photovoltaic System Design, Installation and Maintenance-Entry Level (X600400) Solar Thermal System Design, Installation and Maintenance- Entry Level (X600300)	Alternative Energy Engineering Technology CCC (0615050304) Alternative Energy Systems Specialist CCC (0615050303) Building Construction Technology AS (1615100101) Construction Management AS (1646041200)			Civil Engineering Mechanical Engineering Construction Management Engineering Alternative & Renewable Energy Management (Private)		
CAREER	Sample Career Specialties (The Targeted Occupations List may be used to identify appropriate careers.)						
	Solar Energy Technician Energy Auditor Photovoltaic Systems Installer Solar Thermal Installer and technician	Solar Installation, Maintenance, and Repair Manager			Solar Systems Engineer Professional Engineer		

CREDIT	Secondary to Technical Center (PSAV) Solar Energy Technology (A600200) Local Articulation Agreements	Secondary to College Credit Certificate or Degree Local Articulation Agreements	PSAV/PSV to AAS or AS/BS/BAS Local Articulation Agreements

Career and Technical Student Association

SKILLSUSA

Internship/Work Experience Recommendations

On-the-job training is appropriate but not required for this program. Whenever offered, the rules, guidelines, and requirements specified in the OJT framework apply.