


HERNANDO COUNTY SCHOOL DISTRICT

Career Cluster: Energy				CTE Academy: Energy Technician/STEM				
Career Cluster Pathway: Construction				Program number: NCCER Electricity 1@ and 2@				
	16 CORE CURRICULUM CREDITS					8 ADDITIONAL CREDITS		
	ENGLISH 4 credits *FSA Level 3 score required	MATH 4 credits *EOC Level 3 score required	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 (NCTHS)	Diploma Options: (1) 24 Credit (2) 18 Credit ACCEL (3) International Baccalaureate							
	<ul style="list-style-type: none"> Students are encouraged to use mycareershines.org to explore careers and postsecondary options and complete a career plan. Students are also encouraged to participate in Advanced Placement and Dual Enrollment courses which may be used to satisfy required graduation courses or Bright Futures Gold Seal Vocational Scholars course requirements. One course within the 24 credit program must be an online course. Cumulative GPA of 2.0 on a 4.0 scale 							
	9th	English 1 1001310	*Algebra 1 1200310	Physical Science 2003310	World History 2109310	HOPE (meets PE requirement)	Energy Industry Fundamentals 8006110	Foreign Language
	10th	*English 2 1001340	Geometry 1206310	Biology 2000310	US History 2100310	FINE ARTS	Electricity 1 8727210 @	Foreign Language
	11th	English 3 1001370	Algebra 2 1200330	3 rd year Science	US Govt and Econ w/ Financial Literacy 2106310 & 2102335		Introduction to Alternative Energy 8006120 # EQ	
12th	4 th year English	4 th year Math				Electricity 2 8727220 @		
Post-Secondary	Based on the Career Cluster of interest and identified career and technical education program, the following postsecondary options are available.							
	TECHNICAL CENTER PROGRAM(S)		STATE & COMMUNITY COLLEGE PROGRAM(S)			UNIVERSITY PROGRAM(S)		
	Solar Photovoltaic System Design, Installation & Maintenance Solar Thermal System Design & Install		Construction Electricity Management			Electrical Engineering		
CAREER	Sample Career Specialties (The Targeted Occupations List may be used to identify appropriate careers.)							
	Electrician Helpers, Green Building Construction Technician Assistant		Solar Thermal Technicians, Construction, Electricity Technician Assistant/Manager, Electricians			Energy Auditor, Electrical Engineer		
CREDIT	Articulation and CTE Dual Enrollment Opportunities							
			Statewide Articulation Agreement 3 credits each for successful completion of NCCER Electrical 1 & 2 Industry Certification					
*=EOC Level 3 Requirements #=Honors Weight EQ=Science Equivalency @= Course Substitution PA= Fine/Performing Arts Credit								
Career and Technical Student Association: NA								
Internship/Work Experience Recommendations: NA								
Program of Study Graduation Requirements: http://www.fldoe.org/bii/studentpro/grad-require.asp								

Student Name: _____
 Student Signature: _____
 Parent Signature: _____

Student ID#: _____
 Date: _____
 Date: _____

Diploma Designation
 Scholar _____
 Merit _____

A Program of Study (POS) is a student chosen career path option that requires the completion of a sequence of yearlong courses that:

- a) Incorporate both secondary and post-secondary education elements*
- b) Include rigorous content, challenging academic standards and relevant career and technical content*
- c) May allow students to participate in dual or concurrent enrollment programs or otherwise acquire post-secondary credit*
- d) Result in an industry-recognized credential or certificate, measured by an industry assessment*

Once a student begins a program of study, they cannot divert from that program unless they receive administrative approval.