


HERNANDO COUNTY SCHOOL DISTRICT

Career Cluster: Engineering & Technology Education				CTE Academy: Aerospace Technologies/ STEM				
Career Cluster Pathway: Transportation Operations				Industry Certification: Florida Aviation Association (FAA) Ground School Certification, Small UAS Safety				
	14 CORE CURRICULUM CREDITS				10 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)	Aerospace Technologies 1 8600580 EQ	Foreign Language
	10th	*English 2 1001340	Geometry 1206310	Biology 2000310	US History 2100310	FINE ARTS	Princ. of AS -ASC 1000 UAV - ASC 2560/	Foreign Language
	11th	English 3 1001370	Algebra 2 1200330	3 rd year Science (met with Aerospace Technologies 2)	US Govt and Econ w/ Financial Literacy 2106310 & 2102335		Private Pilot Ops. ASC 1103	
12th	4 th year English	4 th year Math				Flight Planning & Data ASC 2562 App. Aerial Photography ASC 2563		
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) Aircraft Airframe Mechanics, Aircraft Powerplant Mechanics, Avionics Technology			STATE & COMMUNITY COLLEGE PROGRAM(S) Avionics, Aircraft/Airframe Mechanics, Aircraft Powerplant Mechanics		UNIVERSITY PROGRAM(S) Aeronautical Science, Aerospace Engineering, Air Traffic Management, Aviation Business Administration		
CAREER	Sample Career Specialties (The Targeted Occupations List may be used to identify appropriate careers.)							
	Pilots or Aircraft Crew Members Aircraft Maintenance and Repair Workers			Aviation Technicians		Aerospace Engineers, Air Traffic Controllers, Aviation Safety and Accident Investigators		
CREDIT	Articulation and CTE Dual Enrollment Opportunities							
	Embry Riddle University completion of 5 dual enrollment courses will provide 17 college credits							
* =EOC Level 3 Requirements # =Honors Weight EQ = Science Equivalent Course @ = 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 _____

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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.

It is the policy of the Hernando County School District not to illegally discriminate or allow its employees to illegally discriminate and prohibits any and all forms of discrimination and harassment based on race, color, ethnicity, religion, national origin, sex, age, gender, marital status, disability, genetic information, lack of English language skills or other basis prohibited by law in any of its programs, services, activities or employment practices.

For questions regarding equity within the school system, please contact

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