


HERNANDO COUNTY SCHOOL DISTRICT

<b>Career Cluster:</b> Engineering & Technology Education				<b>CTE Academy:</b> Aerospace Technologies/ <b>STEM</b>				
<b>Career Cluster Pathway:</b> Transportation Operations				<b>Industry Certification:</b> Florida Aviation Association (FAA) Ground School Certification, Small UAS Safety				
	<b>14 CORE CURRICULUM CREDITS</b>				<b>10 ADDITIONAL CREDITS</b>			
	<b>ENGLISH</b> 4 credits  *FSA Level 3 score required	<b>MATH</b> 4 credits  *EOC Level 3 score required	<b>SCIENCE</b> 3 credits, 2 with lab	<b>SOCIAL STUDIES</b> 3 credits	<b>OTHER REQUIRED COURSES</b>  FINE ARTS (1 credit), PHYSICAL EDUCATION (1 credit),	<b>CAREER AND TECHNICAL EDUCATION COURSES</b>	<b>RECOMMENDED ELECTIVES</b>  (ALIGNED WITH COMMUNITY COLLEGE & STATE UNIVERSITY SYSTEM PROGRAMS)	
<b>HIGH SCHOOL (CHS)</b>	<b>Diploma Options: (1) 24 Credit (2) 18 Credit ACCEL (3) International Baccalaureate</b>							
	<ul style="list-style-type: none"> <li>Students are encouraged to use <a href="http://mycareershines.org">mycareershines.org</a> to explore careers and postsecondary options and complete a career plan.</li> <li>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.</li> <li>One course within the 24 credit program must be an online course. Cumulative GPA of 2.0 on a 4.0 scale</li> </ul>							
	<b>9<sup>th</sup></b>	English 1 1001310	*Algebra 1 1200310	Physical Science 2003310	World History 2109310	HOPE (meets PE requirement)	Aerospace Technologies 1 8600580 <b>EQ</b>	Foreign Language
	<b>10<sup>th</sup></b>	*English 2 1001340	Geometry 1206310	Biology 2000310	US History 2100310	FINE ARTS	Princ. of AS -ASC 1000 UAV - ASC 2560/	Foreign Language
	<b>11<sup>th</sup></b>	English 3 1001370	Algebra 2 1200330	3 <sup>rd</sup> year Science (met with Aerospace Technologies 2)	US Govt and Econ w/ Financial Literacy 2106310 & 2102335		Private Pilot Ops. ASC 1103	
	<b>12<sup>th</sup></b>	4 <sup>th</sup> year English	4 <sup>th</sup> year Math				Flight Planning & Data ASC 2562 App. Aerial Photography ASC 2563	
<b>Post-Secondary</b>	<b>Based on the Career Cluster of interest and identified career and technical education program, the following postsecondary options are available.</b>							
	<b>TECHNICAL CENTER PROGRAM(S)</b> Aircraft Airframe Mechanics, Aircraft Powerplant Mechanics, Avionics Technology			<b>STATE &amp; COMMUNITY COLLEGE PROGRAM(S)</b> Avionics, Aircraft/Airframe Mechanics, Aircraft Powerplant Mechanics		<b>UNIVERSITY PROGRAM(S)</b> Aeronautical Science, Aerospace Engineering, Air Traffic Management, Aviation Business Administration		
<b>CAREER</b>	<b>Sample Career Specialties (The Targeted Occupations List may be used to identify appropriate careers.)</b>							
	Pilots or Aircraft Crew Members Aircraft Maintenance and Repair Workers			Aviation Technicians		Aerospace Engineers, Air Traffic Controllers, Aviation Safety and Accident Investigators		
<b>CREDIT</b>	<b>Articulation and CTE Dual Enrollment Opportunities</b>							
	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								
<b>Career and Technical Student Association: NA</b>								
<b>Internship/Work Experience Recommendations: NA</b>								
<b>Program of Study Graduation Requirements:</b> <a href="http://www.fldoe.org/bii/studentpro/grad-require.asp">http://www.fldoe.org/bii/studentpro/grad-require.asp</a>								

Student Name: \_\_\_\_\_  
 Student Signature: \_\_\_\_\_  
 Parent Signature: \_\_\_\_\_

Student ID#: \_\_\_\_\_  
 Date: \_\_\_\_\_  
 Date: \_\_\_\_\_

Diploma Designation  
 Scholar \_\_\_\_\_  
 Merit \_\_\_\_\_

HERNANDO COUNTY SCHOOL DISTRICT

*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**

**Michelle Kernan**

**by email ([kernan\\_m@hcsb.k12.fl.us](mailto:kernan_m@hcsb.k12.fl.us)),**

**phone (352-797-7000), or**

**mail (919 N. Broad St. Brooksville, FL 34601)**