



Aerospace Technologies
 Career and Technical Education
Your Future Starts Here – Unlock Your Potential!
 2023-24 SY



Career Cluster: Engineering & Technology Education		CTE Program: Secondary: Aerospace Technologies (8600080) FBHS and WNHS JROTC					
		Postsecondary: Florida State College Jacksonville and United States Air Force					
Career Cluster Pathway: Aviation		Industry Certification: Secondary: FAA Ground Pilot's License; FAA Private Pilot's License					
		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
HIGH SCHOOL	<ul style="list-style-type: none"> 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. The Bright Futures Gold Seal CAPE Scholars award requires at least 5 postsecondary credit hours through CAPE industry certifications. For further details, refer to the Bright Futures Student Handbook. 						
	9th	English 1 or English 1 Honors	Algebra I (or Honors) or Geometry (or Honors)	Environmental Science or Biology (or Bio Honors)	AP Human Geography or Elective	HOPE – Health Opportunities through Physical Education	Elective
	10th	English 2 or English 2 Honors	Geometry or Algebra II (or Honors)	Biology, Chemistry, Physics, Anatomy (or Honors Level)	World History (or Honors or AP)	Fine or Practical Arts	Aerospace Technology 1 8600580 (EQ & Honors Credit) Elective
	11th	English 3 or English 3 Honors	Algebra II, Math for College Liberal Arts, Math for College Algebra, Pre-Calculus	Chemistry, Physics, Anatomy (or Honors Level)	US History or US History Honors or APUSH	Elective or World Language	Aerospace Technology 2 8600680 (EQ & Honors Credit) Elective
	12th	English 4 or English 4 Honors or AP Eng. Literature	Math for Data & Financial Literacy, Math for College Algebra, or AP Calculus	Marine Science, Earth/Space, Physics, AP Physics, AP Biology	American Government .5 + Economics .5 or AP Microeconomics and AP Government	Elective or World Language	Aerospace Technology 3 86001780 (EQ & Honors Credit) Elective
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)	
	Florida State College at Jacksonville: Aviation Administration and other Aviation related programs		Florida State College at Jacksonville: Aviation Administration A.S.			Embry-Riddle Aeronautic University – Daytona Beach: Earn credentials ranging from certificates to advanced degrees in specialized aeronautic/aviation skills and space industries Jacksonville University: Airline Management, Airport Management, Air Traffic Control, Commercial Pilot, Military-Marine, Military-Navy	
CAREER	Sample Career Specialties – Careers from the Targeted Occupations List are in bold.						
	Apprenticeships		Commercial Pilot, Airline or Airport Management, Air Traffic Control, Space Operations, and More!				
Career and Technical Student Association							
Skills USA							