


Career Cluster: Agriculture, Food & Natural Resources				CTE Program: Agritechnology 8106800				
Career Cluster Pathway: Animal Systems Career Path				Industry Certification: FLFBR001 Certified Agriculture Technician				
		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	<ul style="list-style-type: none"> 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. One course within the 24 credit program must be an online course. Cumulative GPA of 2.0 on a 4.0 scale for 24 credit program 							
	9th	English 1 or higher	Algebra 1 or higher	Environmental Science		Physical Education (1 credit) (Not required for ACCEL Program)	Agriscience Foundations	Digital Information Technology
	10th	English 2 or higher	Geometry or higher	Biology	World History	Practical Arts or Fine Arts course (1 credit)	Agritechnology 1	Spanish 1
	11th	English 3 or higher	Algebra II or higher	Chemistry	American History	Elective or Dual Enrollment	Agritechnology 2	Spanish 2
	12th	English 4 or higher	Pre-Calculus or Higher	Physics	American Gov't & Economics	Elective or Dual Enrollment	Ag Directed Study	Leadership Skills & Development
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 or STATE COLLEGE PROGRAM(S)			UNIVERSITY PROGRAM(S)		
	College of Central Florida: PSAV Horticulture Specialist		College of Central Florida: <i>Agribusiness Management 2299,</i> <i>Equine Studies – Business Management Specialization 2292,</i> <i>Equine Studies – Equine Exercise Physiology 2309</i>			UF - B.S. Animal Sciences, Food Science & Human Nutrition, Food & Resource Economics; MS, PhD, DVM Veterinary Medicine FAMU - B.S. Ag Science, Agribusiness, Ag. Education,		
CAREER	Sample Career Specialties (The Targeted Occupations List may be used to identify appropriate careers.)							
	Landscape Worker, Nursery Sales and Operations, Lawn and Garden Employee,		Assistant Farm Manager, Farm Manager, Training Manager, Assistant Trainer, Equine Veterinary Tech., On-Farm Salesperson, Feed Salesperson, Tack Store Manager, Show Groom, Farrier, Tack Repairer, Agricultural Manager or Supervisor			Business Manager, Business Owner, Animal Scientist, Operations Manager, Rancher, Sales Manager, Sales Representative, USDA Researcher, Veterinarian, Ag Teacher		

Articulation and CTE Dual Enrollment Opportunities				
CREDIT	Secondary to Technical Center (PSAV) Vet Assisting PSAV	Secondary to College Credit Certificate or Degree (Minimum # of clock or credit hours awarded)		PSAV/PSV to AAS or AS/BS/BAS
	Certificate in Horticulture Specialist (3 Credits for ORH 1000C Intro to Hort)	Secondary Course/Certifications Agriscience Foundations 8106810 Agritechnology 1 8106820 Agritechnology 2 8106830 Ag. Production Technician Certification	College of Central Florida Credits ORH 1000C Intro to Hort. (3 credits) PLS 1220 Propagation of Nursery Plants (3 Credits)	From College of Central Florida's A.S. Agribusiness Management to BAS Business & Organizational Management—Agribusiness Management Specialization http://www.cf.edu/explore/degrees/bachelors/bas-agribusiness/index
Career and Technical Student Association: FFA				
F.F.A.				
Internship/Work Experience Recommendations: Local farms, local animal hospitals and clinics, medical sales, etc. Internship or shadowing experiences available.				
Local farms, landscape operations, local animal hospitals and clinics, medical sales, etc. Internship or shadowing experiences available.				
Program of Study Graduation Requirements: http://www.fldoe.org/academics/graduation-requirements				