


Career Cluster: Agriculture, Food & Natural Resources					CTE Program: Animal Science & Services 8106200			
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 flchoices.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							
	9 th	English 1 or higher	Algebra 1 or higher	Earth Space Science or Agriscience Foundations	Elective: Intro to Information Tech (on-line)	Physical Education (1credit)) (Not required for ACCEL Program)	Agriscience Foundations	
	10 th	English 2 or higher	Geometry or higher	Biology	World History	Practical Arts or Fine Arts course (1 credit)	Animal Science & Services 2	
	11 th	English 3 or higher	Algebra II or higher	Chemistry	American History	Elective	Animal Science & Services 3	Other elective course appropriate for student's career and education plan.
	12 th	English 4 or higher	Pre-Calculus or Higher	Elective	American Gov't & Economics	Elective or Dual Enrollment	Animal Science & Services 4	Other elective course appropriate for student's career and education plan.
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)	
	CTAE: Vet Assisting PSAV		College of Central Florida: Agribusiness Management 2299, Equine Studies – Business Management Specialization 2292, Equine Studies – Equine Exercise Physiology2309				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.)							
	Agricultural Technicians, Kennel Technician, Animal Care Provider, Veterinary Assistants and Laboratory Animal Caretakers		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	
CREDIT	Articulation and CTE Dual Enrollment Opportunities							
	Secondary to Technical Center (PSAV) Vet Assisting PSAV		Secondary to College Credit Certificate or Degree (Minimum # of clock or credit hours awarded) See page 2				PSAV/PSV to AAS or AS/BS/BAS	

Career and Technical Student Association: FFA

Internship/Work Experience Recommendations: Local farms, local animal hospitals and clinics, medical sales, etc. Internship or shadowing experiences available.

Animal Science and Services High School to College Career Pathway Program of Study Plan

High School Course(s)	CCF Course(s)	College Credits	Appropriate Dual Enrollment Course(s)
Agriscience Foundations	ANS 1236 Introduction to Equine Science ANS 1003 Introduction to Animal Science	3 3	MAC 1105 College Algebra - 3 credits
Animal Science & Services 2			ENC 1101 Freshman Comp -- 3 Credits
Animal Science & Services 3			Industry certification opportunities: None
Animal Science & Services 4			