


<b>Career Cluster: Agriculture, Food, and Natural Resources</b>				<b>CTE Program: Animal Science and Services</b>				
<b>Career Cluster Pathway: Animal Systems</b>				<b>Industry Certification(s): See Below</b>				
	<b>16 CORE CURRICULUM CREDITS</b>					<b>8 ADDITIONAL CREDITS</b>		
	<b>ENGLISH</b> 4 credits	<b>MATH</b> 4 credits	<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</b>	<ul style="list-style-type: none"> <li>Students are encouraged to use <a href="http://flchoices.org">flchoices.org</a> to explore careers and postsecondary options.</li> <li>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.</li> <li>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</li> </ul>							
	<b>9<sup>th</sup></b>	English I	Algebra 1, Algebra 1A, or Geometry	Biology I	None	Personal Fitness	Agri-Science Foundations	Performing Arts
	<b>10<sup>th</sup></b>	English II	Algebra 1, Algebra 2 or Geometry	Physical Science or Chemistry I	World History	PE/ Band / JROTC	Animal Science II Animal Science III	Spanish 1
	<b>11<sup>th</sup></b>	English III	Algebra 2, Geometry, or Math for College Algebra	Science Elective	American History	PE / Band / JROTC	Animal Science IV Animal Science V	Spanish 2
	<b>12<sup>th</sup></b>	English IV	Algebra 2, Math for College Algebra, or Pre-Calculus	Science Elective	American Government/ Economics	Fine Arts or Practical Arts	Agribusiness Coop	
<b>POSTSECONDARY</b>	Based on the Career Cluster of interest and identified career and technical education program, the following postsecondary options are available.							
	<b>TECHNICAL CENTER PROGRAM(S)</b>	<b>COMMUNITY COLLEGE PROGRAM(S)</b>				<b>UNIVERSITY PROGRAM(S)</b>		
	N/A	Indian River State College Agriculture, Forestry, Wildlife Ecology and Conservation, Agricultural Production, Landscape and Horticulture Technology				University of Florida Florida A&M University  Agricultural Education, Agribusiness, Food and Resource Economics, Animal Science		
<b>CAREER</b>	<b>Sample Career Specialties (The Targeted Occupations List may be used to identify appropriate careers.)</b>							
	Livestock/Animal Caretaker, Agricultural Inspector	Veterinary Assistant				Farm Manager, Agricultural Engineer, Animal Scientist, Veterinarian		

<b>CREDIT</b>	<b>Articulation and CTE Dual Enrollment Opportunities</b>		
	<b>Secondary to Technical Center (PSAV)</b>	<b>Secondary to College Credit Certificate or Degree</b>	<b>PSAV/PSV to AAS or AS/BS/BAS</b>
		<b>None</b>	
<b>CERTIFICATIONS</b>	<b>Agritechnology Specialist FLFBR001 (articulates 2 credit hours toward the AS degree in Agricultural Production Technology)</b> <b>Animal Science Specialist FLFBR005 (articulates 3 credit hours toward the AS degree in Agribusiness Management)</b> <b>Fundamentals of Animal Science ELANC001</b>		

Program of Study Graduation Requirements 2022-2023: <http://www.fldoe.org/workforce/perkins/pdf/POS-GradChecklist.pdf>

**Internship/Work Experience Recommendations**

***Animal Services OJT or Internship***

**FOR MORE INFORMATION CONTACT CAREER AND TECHNICAL EDUCATION DEPARTMENT or SCHOOL GUIDANCE DEPARTMENT**