


<b>Career Cluster: Agriculture, Food &amp; Natural Resources</b>				<b>CTE Program: Secondary:</b> Agritechnology 8106800 Postsecondary: 2299 Agribusiness Management, A.S. FL CIP: 1101010100				
<b>Career Cluster Pathway: Agribusiness Systems Career Path</b>				<b>Industry Certification:</b> FNGLA001 Certified Horticulture Professional				
	<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://fchoices.org">fchoices.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 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	Other elective course appropriate for student's career and education plan.
	<b>10<sup>th</sup></b>	English 2 or higher	Geometry or higher	Biology	World History	Practical Arts or Fine Arts course (1 credit)	Agritechnology 1	Other elective course appropriate for student's career and education plan.
	<b>11<sup>th</sup></b>	English 3 or higher	Algebra II or higher	Chemistry	American History	Elective	Agritechnology 2	Other elective course appropriate for student's career and education plan.
	<b>12<sup>th</sup></b>	English 4 or higher	Pre-Calculus or Higher	Elective	American Gov't & Economics	Elective or Dual Enrollment	Advanced Concepts of Agriscience	Other elective course appropriate for student's career and education plan.
<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 or STATE COLLEGE PROGRAM(S)</b>				<b>UNIVERSITY PROGRAM(S)</b>		
	N/A	<b>College of Central Florida:</b> Agribusiness Management A.S.				UF - B.S. Plant Science, Landscape & Nursery Horticulture, Food Science & Human Nutrition, Food & Resource Economics; FAMU - B.S. Agribusiness, Ag. Education CF: Business and Organizational Management — Agribusiness Management Specialization, B.A.S.		

<b>CAREER</b>	<b>Sample Career Specialties (The Targeted Occupations List may be used to identify appropriate careers.)</b>		
	Agriculture Technicians	Landscape Designer, Golf Course Manager, Greenhouse Production Manager, Nursery Manager, Biotechnology Research Technician, Cell Culture Technician, Biotechnology Manufacturing Technician, Grounds Keeper, Agricultural Manager or Supervisor	Business Manager, Business Owner, Landscape Designer, Operations Manager, Rancher, Sales Manager, Sales Representative, Agriculture Teacher
<b>CREDIT</b>	<b>Articulation and CTE Dual Enrollment Opportunities</b>		
	<b>Secondary to Technical Center (PSAV)</b>  N/A	<b>Secondary to College Credit Certificate or Degree</b> (Minimum # of clock or credit hours awarded)	
		<b>Secondary Courses/Certifications</b> Digital Information Technology (8207310) Agriscience Foundation (8106810) Agritechnology I (8106820) Agritechnology II (806830) FNGLA 001: Certified Horticulture Professional FLFBR005: Animal Science Certification	<b>College of Central Florida</b> <u>OST 1100 Introduction to Word</u> (Elective <b>3 credits</b> by CF Articulation Exam or Microsoft Office Specialist Certification) <u>ORH 1000C Introduction to Horticulture</u> ( <b>3 credits</b> by CF Articulation Exam or FNGLA certification) <u>ORH 1510 Ornamental Plant ID</u> ( <b>3 credits</b> by CF Articulation Exam or FNGLA certification) <u>ANS 1003 Introduction to Animal Science</u> ( <b>3 credits</b> by CF Articulation Exam)
<b>Career and Technical Student Association:</b>			
FFA			
<b>Internship/Work Experience Recommendations:</b>			
<b>Local farms, nurseries, golf courses, ag equipment sales locations. Internships and Shadowing Opportunities available.</b>			
Program of Study Graduation Requirements: <a href="http://www.fldoe.org/academics/graduation-requirements">http://www.fldoe.org/academics/graduation-requirements</a>			