


<b>Career Cluster: Agriculture, Food and Natural Resources</b>				<b>CTE Program - Agritechnology - 8106800</b>				
<b>Career Cluster Pathway: Agribusiness</b>				<b>Industry Certification: Agriculture Technician (FLFBR001); (USINS001) Small UAS Safety Certification</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 cr), PHYSICAL ED(1 cr), 1 ONLINE COURSE	<b>CTE PATHWAY COURSES</b>	<b>RECOMMENDED ELECTIVES</b> (ALIGNED WITH STATE COLLEGE & UNIVERSITY SYSTEM PROGRAMS)	
<b>HIGH SCHOOL</b>	<ul style="list-style-type: none"> <li>Students are encouraged to use <a href="http://mycareershines.org">mycareershines.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 or higher	Algebra 1 or higher	Earth Space or higher	Elective or AP Human Geography	Personal Fitness, Freshman Transition	<b>Agriscience Foundations I</b>	Foreign Language or other elective appropriate to career and education plan
	<b>10<sup>th</sup></b>	English II or *ENC 1101	Geometry 1 or higher	Biology or higher	World History or higher	Fine Arts or eligible Practical Arts course	<b>Agritechnology I</b>	Foreign Language or other elective appropriate to career and education plan
	<b>11<sup>th</sup></b>	English III, AP English, or *ENC 1102	Algebra II or *MAT1033 or *MAC1105 or *MGF1106	Chemistry or higher	US History or higher		<b>Agritechnology 2</b>	Dual Enrollment Course* or other elective appropriate to career and education plan
	<b>12<sup>th</sup></b>	English IV, AP English, or *SPC 2608 or *ENC2300	Math for College Readiness, Pre-Calculus, AP math, or *MAT1033 or *MAC1105 or *MGF1106	AP science course or equivalent dual enrollment course*	US Gov't. and Economics or higher		Unmanned Aerial Safety – Agriculture Use	Dual Enrollment Course* or other elective appropriate to career and education plan
<b>POST-SECONDARY</b>	Based on the Career Cluster of interest and identified career and technical education program, the following postsecondary options are available.							
	<b>TECHNICAL COLLEGE PROGRAM(S)</b>		<b>STATE COLLEGE PROGRAM(S)</b>			<b>UNIVERSITY PROGRAM(S)</b>		
			<b>College of Central Florida</b> <a href="http://www.cf.edu/programs">www.cf.edu/programs</a> <b>A.S. Degrees:</b> Agribusiness Management, Equine Studies <b>Certificates:</b> Equine Assistant Manager, Horticulture Technician			<b>University of Florida</b> <a href="http://www.cals.ufl.edu">www.cals.ufl.edu</a> <b>B.S. Degrees:</b> Agriculture <i>The University of Florida, College of Agriculture and Life Sciences, has 25 departments with more than 60 majors in the agricultural field.</i>		
<b>CAREER</b>	<b>Sample Career Specialties (The Targeted Occupations List may be used to identify appropriate careers.)</b>							
	Animal/Livestock Caretaker, Lab or Forest Technician, Sports and Turfgrass Specialist		Greenhouse/Nursery Grower/Manager, Landscape Contractor/Designer, Equine Manager			Biologist, Extension Agent, Geneticist, Veterinarian, Agriculture Teacher, Agriculture Sales		
<b>CREDIT</b>	<b>Articulation and CTE Dual Enrollment Opportunities</b>							
	N/A		<b>College of Central Florida: Up to 6 credits depending on major</b> <b>Statewide Articulation:</b> 2 credits in A.S. Agriculture Production Technology program For a current list of agreements, visit <a href="http://www.fldoe.org">www.fldoe.org</a> , keywords: gold standard statewide articulation agreements			A.A./A.S. to B.A./B.S. Degree		
<b>Career and Technical Student Association</b>								
<b>FFA – Agriculture student organization</b>								
<b>Internship/Work Experience Recommendations</b>								
<b>Job shadowing, On-the-Job Training, and professional organization experiences</b>								

\*See the Articulation Coordinating Committee's Dual Enrollment Equivalency List and the Bright Futures Comprehensive Course Table.