



Technical Agricultural Operations
 Career and Technical Education
Your Future Starts Here – Unlock Your Potential!
 2023-24 SY



Career Cluster: Agriculture, Food and Natural Resources		CTE Program: Secondary: Technical Agricultural Operations (8005100) HMSHS						
		Postsecondary: Abraham Baldwin Agricultural College (ABAC), Tifton, Ga						
Career Cluster Pathway: Agriculture		Industry Certification: Secondary: Agritechnology Specialist, Agricultural Mechanics Specialist						
		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	
HIGH SCHOOL	<ul style="list-style-type: none"> 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. The Bright Futures Gold Seal CAPE Scholars award requires at least 5 postsecondary credit hours through CAPE industry certifications. For further details, refer to the Bright Futures Student Handbook. 							
	9th	English 1 or English 1 Honors	Algebra I (or Honors) or Geometry (or Honors)	Environmental Science or Biology (or Bio Honors)	AP Human Geography or Elective	HOPE – Health Opportunities through Physical Education	Agriscience Foundations 8106810 (EQ/Honors Credit)	Elective
	10th	English 2 or English 2 Honors	Geometry or Algebra II (or Honors)	Biology, Chemistry, Physics, Anatomy (or Honors Level)	World History (or Honors or AP)	Fine or Practical Arts	Technical Operations 2 8005110	Elective
	11th	English 3 or English 3 Honors	Algebra II, Math for College Liberal Arts, Math for College Algebra, Pre-Calculus	Chemistry, Physics, Anatomy (or Honors Level)	US History or US History Honors or APUSH	Elective or World Language	Technical Operations 3 8005120	Elective
	12th	English 4 or English 4 Honors or AP Eng. Literature	Math for Data & Financial Literacy, Math for College Algebra, or AP Calculus	Marine Science, Earth/Space, Physics, AP Physics, AP Biology	American Government .5 + Economics .5 or AP Microeconomics and AP Government	Elective or World Language	Technical Operations 4 8005130	Elective
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 COLLEGE PROGRAM(S)			UNIVERSITY PROGRAM(S)		
			Santa Fe College, Gainesville: Animal Sciences, Biotechnology, Botany, Food and Resource Economics, Forestry, Food Science,			ABAC, Tifton, GA, Jacksonville: Agribusiness, Agriculture, Agricultural Technology Management, Environmental Horticulture, Animal Science, Crop and Soil Science, Turfgrass and Golf Course Management		
CAREER	Sample Career Specialties – Careers from the Targeted Occupations List are in bold.							
	Farming, Agricultural Sales, Agricultural Mechanic		Agricultural Managers, Farming, Ranching, Horticulture, Golf Course Management, Nursery and Greenhouse Managers, Forestry Technician					
Career and Technical Student Association								
Future Farmers of America								