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 Learner ID
 School/College/University Greene County High School

Agriculture, Food & Natural Resources

Career Cluster Plan of Study for ► Learners ► Parents ► Counselors ► Teachers/Faculty

This Career Cluster Plan of Study (based on the Agriculture, Food and Natural Resources Career Cluster) can serve as a guide, along with other career planning materials, as learners continue on a career path. Courses listed within this plan are only recommended coursework and should be individualized to meet each learner's educational and career goals. *This Plan of Study, used for learners at an educational institution, should be customized with course titles and appropriate high school graduation requirements as well as college entrance requirements.

EDUCATION LEVELS	GRADE	English/ Language Arts	Math	Science	Social Studies/ Sciences	Other Required Courses Other Electives Recommended Electives Learner Activities	*Career and Technical Courses and/ or Degree Major Courses for Agriculture, Food and Natural Resources	SAMPLE Occupations Relating to This Career Cluster
Interest Inventory Administered and Plan of Study Initiated for all Learners								
SECONDARY	9	READ 180, English 9, Honors English 9, Drama, Creative Writing	Algebra Prep, Algebra 1, Algebra 2, Geometry, Applied Geometry	Physical Science	Modern Issues, World Cultures	GC FFA Chapter Horticulture Animal Science A Animal Science B Ag Products Agronomy A Agronomy B Principles of Crop Production	Lstk. Pro and Sale 1 year Ag Pro and Services 1 year Ag Bus Mg 1 year Ag Marketing Survey of Animal Industries* Spring Odd years	Occupations Requiring Postsecondary Education ► Agricultural Chemical Dealer ► Aquaculturalist ► Bank/Loan Office ► Environmental Compliance-Assurance Manager ► Equine Manager ► Farm Manager ► Health and Safety Sanitarian ► Meat Cutter-Meat Grader ► Park Manager ► Produce Buyer ► Recycling Technician ► Wildlife Manager Occupations Requiring Baccalaureate Degree ► Agricultural Educator ► Botanist ► Ecologist ► Environmental Engineer ► Fish and Game Officer ► Plant Pathologist ► Veterinarian
	10	READ 80, English 10, Honors English 10, Drama, Creative Writing, Ram Page, College Prep	Algebra Prep, Algebra 1, Algebra 2, Geometry, Applied Geometry, Pre-Calc Trig	Life Science, Biology	Modern issues, American issues, World Cultures			
	11	READ 180, English for Tomorrow, Tech Comm, Drama, Creative Writing, Ram page, College Prep, Popular literature, Comp 1, Comp 2, Intro to Lit	Algebra 1, Algebra 2, Geometry, Applied Geometry, Pre-Calc Trig, Personal Math, AP Calc, Stats 1, Stats 2	Life Science, Science Survey 1, Science Survey 2, Biology, Chemistry, Physics, Anat and Physiology	20th Century Am history, World Cultures, World history, Governments, Accelerated Government, Pysch for Living, Sociology, Intro to Psych, Devel Psych.			
	College Placement Assessments-Academic/Career Advisement Provided							
	12	READ 180, English for Tomorrow, Tech Comm, Drama, Creative Writing, Ram page, College Prep, Popular literature, Comp 1, Comp 2, Intro to Lit	Algebra 1, Algebra 2, Geometry, Applied Geometry, Pre-Calc Trig, Personal Math, AP Calc, Stats 1, Stats 2	Life Science, Science Survey 1, Science Survey 2, Biology, Chemistry, Physics, Anat and Physiology	20th Century Am history, World Cultures, World history, Governments, Accelerated Government, Pysch for Living, Sociology, Intro to Psych, Devel Psych.			
Articulation/Dual Credit Transcribed-Postsecondary courses may be taken/moved to the secondary level for articulation/dual credit purposes.								
POSTSECONDARY	Year 13				AGC 201 American Agricultural Histroy		AGS 113 Survey of the Animal Industry, AGA 852 Prin of Crop Prod, Ag Tech Elective 21 cr., AGB 206 Fild Ops and Mgt 1, AGC 318 Field Studies/Career Opps, AGB 235 Intro to AG Markets, AGB 934 Practicum, Ag Tech Fast Track Courses 1 cr., AGA 154 Fund of Doil Science, AGA 155 Fund of Soil Science Lab, AGB 207 Farm Ops and Mgt II, AGA 380 Int Pest Mgt, AGB 330 Farm Business Mgt	
	Year 14	Comm Elective	BUS 112 Business Math					
	Year 15							
	Year 16	Continue courses in the area of specialization.						

