



Name _____

Learner ID _____

School/College/University _____

SAMPLE

Agriculture, Food and 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	English/ Language Arts I	Algebra I	Earth or Environmental Science	State History Civics	All plans of study should meet local and state high school graduation requirements and college entrance requirements. Supervised Agricultural Experience (SAE) and participation in appropriate FFA activities support and reinforce classroom and laboratory learning and should be a requirement for all students.	<i>Introduction to Agriculture, Food and Natural Resources</i> : This is a core course for the Agriculture, Food and Natural Resources Career Cluster that builds a knowledge base and technical skills in all aspects of the industry. Learners will be exposed to a broad range of agriculture, food and natural resources careers and Cluster Foundation Knowledge and Skills. This may be taught as a career exploration course in conjunction with other foundation Career Cluster courses.	Occupations Requiring Postsecondary Education <ul style="list-style-type: none"> ► 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
	10	English/ Language Arts II	Geometry	Biology	U.S. History			
	11	English/ Language Arts III	Algebra II or other math course	<i>Dependent on chosen pathway</i>	World History			
	College Placement Assessments-Academic/Career Advisement Provided							
	12	English/ Language Arts IV	<i>Dependent on chosen pathway</i>	<i>Dependent on chosen pathway</i>				
Articulation/Dual Credit Transcribed-Postsecondary courses may be taken/moved to the secondary level for articulation/dual credit purposes.								
POSTSECONDARY	Year 13	English Composition	Algebra	<i>Dependent on chosen pathway</i>	American Government	All plans of study need to meet learner's career goals with regard to required degrees, licenses, certifications or journey worker status. Certain local student organization activities may also be important to include.	Continue courses pertinent to the pathway selected.	Occupations Requiring Baccalaureate Degree <ul style="list-style-type: none"> ► Agricultural Educator ► Botanist ► Ecologist ► Environmental Engineer ► Fish and Game Officer ► Plant Pathologist ► Veterinarian
	Year 14	Speech/ Oral Communication	<i>Dependent on chosen pathway</i>	<i>Dependent on chosen pathway</i>	American History Geography			
	Year 15	Technical Writing	Statistics	<i>Dependent on chosen pathway</i>	<i>Dependent on chosen pathway</i>			
	Year 16	Continue courses in the area of specialization.						



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