

Name		
Learner ID		
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School/College/Universit	ı	



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.

LEVELS	GRADE	English/ Language Arts	Math	Science	Social Studies/ Sciences	Other Required Courses	*Career and Technical Courses and/ or Degree Major Courses for Agriculture, Food and Natural Resources	Other Electives	SAMPLE Occupations Relating to This Career Cluster
			ed and Plan of Study Initiated for						
	9		Algebra I, Pt. 1 Algebra I Geometry	Physical Science	OK History Government	1 unit of Fine Arts, 2 units of Foreign Language or 2 units of Computer	Agriculture I	Band, Orchestra, Art, Choir, Careers, PE, Computer Technology Family & Consumer Sciences I, Speech & Drama, Technology Ed	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
SECUIDARI	10	English II	Alg. I, Pt. 2 Geometry Alg. II	Biology or Contextual Biology	World History	- Technology	Agriculture II	Horticulture I, Horticulture II Equine Science Animal Science Power & Tech I Power & Tech II	
,	11		Geometry, Algebra II, Alg. III or Trig/Pre-Calculus, AP Statistics, AP Calculus	Zoology, Botany, Chemistry Environmental Sci.	American History		Technology Center: Welding Automotive Technology		
	12	English IV	Alg. III or Trig/Pre-Calculus, AP Statistics, AP Calculus	Animal Science Equine Science Hort. I, Hort. II					➤ Wildlife Manager Occupations Requiring
	Articulation/Dual Credit Transcripted-Postsecondary courses may be taken/moved to the secondary level for articulation/dual credit purposes.								Baccalaureate Degree ► Agricultural Educator
		Techno	logy Center		Community College		College/Un	versity	► Botanist
Horticulture Outdoor Power Equipment Horse Production/Management Meat Processing Welding For more infor., visit www.okcareertech.org		Agriculture communic Agriculture Economic Agriculture Sciences Agronomy Animal Science Biochemistry Equine Science Horticulture For more infor., visit ww	s & Natural Resources		Agriculture communications Agriculture Economics Agriculture Sciences & Natura Agronomy Animal Science Biochemistry Equine Science Horticulture For more infor., visit www.okhigh		 ► Ecologist ► Environmental Engineer ► Fish and Game Officer ► Plant Pathologist ► Veterinarian 		