



Pathway: Agribusiness Systems

Plan of Study: Agricultural Production & Service

Career Goal (O*Net Code): Agricultural Crop Farm Managers (11-9011),
Agricultural Technicians (19-4011), Livestock Producers (45-2021),

Suggested High School Courses

High School * Default includes CDHE Higher Education Admission Requirements	9 th	Core Academic Courses*:	English I, Algebra I, Earth or Environmental Science, State History/Civics	Suggested Electives: Computer I Woods I
		Career Path Courses:	Agriculture Education I	
	10 th	Core Academic Courses*:	English II, Geometry, Biology, US History, Foreign Language I	Suggested Electives: Physical education Foreign language
		Career Path Courses:	Agriculture Education II	
	11 th	Core Academic Courses*:	English III, Algebra II/ or other, Chemistry, Biology II	Suggested Electives: SJBTC – Diesel Program, Auto, Welding or Heavy Equipment
		Career Path Courses:	Ag. Business I/ Agricultural Mechanics	
	12 th	Core Academic Courses*:	English IV, Trigonometry or other Math, or other lab based science	Suggested Electives: SJBTC – Diesel Program, Auto, Welding or Heavy Equipment
		Career Path Courses:	Ag. Business II/ Animal Science	

Secondary to Postsecondary Linkages & Certifications

Recognition for Advanced Learning	Postsecondary Credit Options: Agribusiness Statewide Articulation Agreement AGE 102 or 205.
	Industry Recognized Certificate(s) or License(s):

Colorado Postsecondary Programs Available

Colorado Institutions

Entrance Exams/ Requirements

Postsecondary Education Opportunities	Colorado Postsecondary Programs Available			Colorado Institutions	Entrance Exams/ Requirements
	Certificate	Ag Production, Ag Business Management	www.collegeincolorado.org	SJBTC	High School diploma or GED
	Associate Degree	Ag Production, Agri. Business	www.collegeincolorado.org	NJC, LCC	High School diploma or GED
	Bachelor Degree	Agribusiness Management, Livestock Production, Ag. Business	www.collegeincolorado.org	CSU	Insert Entrance Requirements Here
	Graduate Degree		www.collegeincolorado.org	Highlight Specific Colleges Here	Insert Entrance Requirements Here

Cluster Overview: The **Agricultural, Food and Natural Resources** cluster focuses on careers in the planning, implementation, production, management, processing, and/or marketing of agricultural commodities and services.

Extended Learning Experiences		
Curricular Experiences: FFA Farm Business Management Ag Sales Marketing Plan Competition	Extracurricular Experiences: National western stock show Competing in CDE's Four Corners Ag Expo	
Work-Based Learning Experiences: Career Preparation – Paid and Unpaid, Job Shadowing, Internships	Program Accreditation and/or Professional Association(s):	
Service Learning Experiences: FFA 4-H		
Career Options:		Salary Range:
Certificate	Crop or livestock producer, Sales Associate	\$
Associate Degree	Animal Health Tech, Farm/ Ranch Manager Farm supply manager	\$\$
Bachelor Degree	Animal Repro Technician, Certified crop Advisor, Agricultural Researcher, Commodities Salesperson, Cooperative Extension Agent	\$\$\$-\$\$\$\$
Graduate Degree	Veterinary Scientist, Plant Scientist, Soil Scientist, Plant Breeder, Range Scientist, State Extension Agronomist,	\$\$\$\$

* \$ = \$15-25,000; \$\$ = \$25-55,000; \$\$\$ = \$55-90,000; \$\$\$\$ = Above \$90,000

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