



Pathway: Agribusiness Systems

Plan of Study: Agricultural Production and Service

Career Goal (O*Net Code): Livestock Producers (45-2021), Agricultural Technicians (19-4011)

Suggested High School Courses

High School * Default includes CDHE Higher Education Admission Requirements	9 th	Core Academic Courses*:	English I, Algebra I, General Science, World History or Civics/Geography, Spanish I, Computer Applications	Suggested Electives: Insert Recommended Electives Here
		Career Path Courses:	Vocational Agriculture I	
	10 th	Core Academic Courses*:	English II, Geometry, Biology, World History or Civics/Geography, Spanish II	Suggested Electives: Business Math
		Career Path Courses:	Vocational Agriculture II	
	11 th	Core Academic Courses*:	English III, Algebra II, Chemistry or Physics, U.S. Government or U.S. History	Suggested Electives: Accounting I
		Career Path Courses:	Vocational Agriculture III and/or Agriculture Business and/or Agriculture Mechanics	
	12 th	Core Academic Courses*:	English IV or College English, Trigonometry or College Algebra, Chemistry or Physics, U.S. Government or U.S. History	Suggested Electives: Insert Recommended Electives Here
		Career Path Courses:	Vocational Agriculture IV and/or Agriculture Business and/or Agriculture Mechanics	

Secondary to Postsecondary Linkages & Certifications

Recognition for Advanced Learning	Postsecondary Credit Options:
	Dual Credit College English, Dual Credit College Algebra, Articulated Animal Science Agribusiness Statewide Articulation Agreement AGE 102 or 205.
Industry Recognized Certificate(s) or License(s):	NA

Postsecondary Programs Available in Colorado

Colorado Institutions

Entrance Exams/ Requirements

Postsecondary Education Opportunities	Certificate	Ag Production, Ag Business Management	NJC, LCC, TSJC, SJBTC, MCC	High School Diploma or GED
	Associate Degree	Ag Production	LCC, NJC	High School Diploma or GED
	Bachelor Degree	Agribusiness Management, Livestock Production	CSU	See Schools Admissions Website
	Graduate Degree	NA	NA	

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: Colorado FFA Association Livestock Evaluation Range Evaluation Dairy Evaluation Horse Evaluation Agricultural Mechanics Career Development Event	Extracurricular Experiences: Colorado State Fair Las Animas County Fair 4-H/Cooperative Extension	
Work-Based Learning Experiences: Career Preparation – Paid and Unpaid, Job Shadowing, Internships Supervised Agricultural Experience	Program Accreditation and/or Professional Association(s): Society For Range Management Post-Secondary Agriculture Students Association American Society of Animal Science	
Service Learning Experiences: 4-H Community Service Volunteer		
Career Options:		Salary Range:
Certificate	Veterinary Technician Brand Inspector Feedlot Assistant Ranch Animal Worker	\$
Associate Degree	Assistant Feedlot Manager	\$
Bachelor Degree	Feed Lot Manager Range Manager	\$\$
Graduate Degree	NA	NA

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

KIM REORGANIZED 88 does not discriminate on the basis of race, color, national origin, sex, disability or age in its programs or activities. Please direct inquiries to: Art Dowell, Superintendent – 719-642-5295.