


Pawnee School District Re-12 Vocational Agriculture Plan of Study

	<h2 style="margin: 0;">Pathway: Agribusiness Systems</h2>
	<h3 style="margin: 0;">Plan of Study: Agricultural Production & Service</h3>

Career Goal (O*Net Code): Agricultural Crop Farm Managers (11-9011), Agricultural Technicians (19-4011), Livestock Producers (45-2021), Agriculture Educator (25-2032)

Suggested High School Courses

High School <small>* Default includes CDHE Higher Education Admission Requirements</small>	9th	Core Academic Courses*:	English I, Algebra I or Geometry, Earth or Environmental Science, State History/Civics	Suggested Electives: Physical Education
		Career Path Courses:	Agricultural Education I	
	10th	Core Academic Courses*:	English II, Geometry or Algebra II, Biology, World History, Foreign Language I	Suggested Electives: Computer Applications Public Speaking Health
		Career Path Courses:	Agricultural Education II	
	11th	Core Academic Courses*:	English III, Algebra II/ or other, Chemistry, American History	Suggested Electives: Computer Applications
		Career Path Courses:	Agricultural Education III & Agriculture Mechanics I	
	12th	Core Academic Courses*:	English IV, Trigonometry or other Math, Physics or other lab based science, Civics	Suggested Electives: Computer Applications Post-Secondary Prep
		Career Path Courses:	Agricultural Education IV & Agriculture Mechanics II	

Secondary to Postsecondary Linkages & Certifications

Recognition for Advanced Learning	<p>Postsecondary Credit Options:</p> <ul style="list-style-type: none"> Senior Level Vocational Agriculture Students potentially would have the opportunity to enroll in college level core academic courses All seniors at offered a Post-Secondary Prep course (in order to work on college admissions and financial aid options)
	<p>Industry Recognized Certificate(s) or License(s): N/A (Pawnee School District Re-12 does not offer these options to students)</p>

		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	Refer to CSU Admissions on website.
	Graduate Degree	Agricultural Sciences Teacher, Post-Secondary	CSU	High School Diploma or GED

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

<p>Curricular Experiences:</p> <p>FFA Farm Business Management Ag Sales Marketing Plan Competition</p>	<p>Extracurricular Experiences:</p> <p>Colorado Farm Show National Western Stock Show Ag Outlook Forum Grover Livestock Show District Leadership Conference Made for Excellence Program Advanced Chapter Leadership</p>
<p>Work-Based Learning Experiences:</p> <p>Career Preparation – Paid and Unpaid, Job Shadowing, Internships</p>	<p>Program Accreditation and/or Professional Association(s):</p> <p>Insert Accreditation Boards or Professional Organizations Here</p>
<p>Service Learning Experiences:</p> <p>FFA, 4-H</p>	

Career Options:		Salary Range:
Certificate	Farmer/Rancher, Pesticide Applicator, Insect Scout	\$
Associate Degree	Animal Health Tech, Farm/ Ranch Manager, Livestock Brand Inspector	\$\$
Bachelor Degree	Animal Repro Technician, Certified crop Advisor, Agricultural Researcher, Chemical 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

Pawnee School District Re-12 does not discriminate on the basis of race, color, national origin, sex, disability or age in its programs or activities. Please direct inquiries to: Tony Graham, 19 Chatoga Avenue; P.O. Box 220 Grover, CO 80729, 970-895-2222