



## 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	9 <sup>th</sup>	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 <sup>th</sup>	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 <sup>th</sup>	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 <sup>th</sup>	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	<b>Postsecondary Credit Options:</b> Agribusiness Statewide Articulation Agreement AGE 102 or 205.
	<b>Industry Recognized Certificate(s) or License(s):</b>

#### 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		<a href="http://www.collegeincolorado.org">www.collegeincolorado.org</a> SJBTC	High School diploma or GED
	Associate Degree	Ag Production, Agri. Business		<a href="http://www.collegeincolorado.org">www.collegeincolorado.org</a> NJC, LCC	High School diploma or GED
	Bachelor Degree	Agribusiness Management, Livestock Production, Ag. Business		<a href="http://www.collegeincolorado.org">www.collegeincolorado.org</a> CSU	Insert Entrance Requirements Here
	Graduate Degree			<a href="http://www.collegeincolorado.org">www.collegeincolorado.org</a> 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		
<b>Curricular Experiences:</b> FFA Farm Business Management Ag Sales Marketing Plan Competition	<b>Extracurricular Experiences:</b> National western stock show Competing in CDE's Four Corners Ag Expo	
<b>Work-Based Learning Experiences:</b> Career Preparation – Paid and Unpaid, Job Shadowing, Internships	<b>Program Accreditation and/or Professional Association(s):</b>	
<b>Service Learning Experiences:</b> 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

Dolores School RE 4District does not discriminate on the basis of race, color, national origin, sex, disability or age in its programs or activities. Please direct inquiries to: *Mark Machale, Superintendent – 970-882-7255.*