



Pathway: Animal Science

Plan of Study: Animal Health - Veterinary Technology

Career Goal (O*Net Code): Examples:
 Veterinarian (29-1131), Veterinary Technician (29-2056), Veterinary Assistant (31-9096).

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 Applications
		Career Path Courses:	Introduction to Ag Science & Technology	
	10 th	Core Academic Courses*:	English II, Geometry, Biology, US History, Foreign Language I	Suggested Electives: Art
		Career Path Courses:	Principles of Animal Science	
	11 th	Core Academic Courses*:	English III, Algebra II/ or other, Chemistry	Suggested Electives: Horse Training
		Career Path Courses:	Introduction to Equine Science	
	12 th	Core Academic Courses*:	English IV, Trigonometry or other Math, Biology or other lab based sciences	Suggested Electives: Insert Recommended Electives Here
		Career Path Courses:	Advanced Equine Sciences	

Secondary to Postsecondary Linkages & Certifications

Recognition for Advanced Learning	Postsecondary Credit Options:
	Dual Enrollment LCC Equine Sci 101
	Industry Recognized Certificate(s) or License(s):
Horse training certificat from LCC	

		Postsecondary Programs Available in Colorado	Colorado Institutions	Entrance Exams/ Requirements
Postsecondary Education Opportunities	Certificate	Horse Trainer Vet Tech	NJC Front Range Lamar Community College	
	Associate Degree	Horse Trainer Vet Tech	www.collegeincolorado.org Lamar Community College Community Colleges of Denver NJC Front Range	High School Diploma
	Bachelor Degree	Animal Science Equine Science Biochemistry	Colorado State University For other programs, see: www.collegeincolorado.com	Diploma GED
	Graduate Degree	Doctor of Vet Science Master of Equine Science	www.collegeincolorado.org Colorado State University	

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: Examples: FFA Member Horse Judging Livestock Judging Dairy Judging	Extracurricular Experiences: County Fair State Fair National Western Stockshow	
Work-Based Learning Experiences: Job Shadow at horse farm Job Shadow at local vet hospital Start Horse Training Business	Program Accreditation and/or Professional Association(s): College FFA Vet Medical Association	
Service Learning Experiences: FFA, 4-H, Boy Scouts, Aqhya		
Career Options:		Salary Range:
Certificate	Vet Tech Horse Trainer	\$15,000-\$25,000
Associate Degree	Vet Tech Horse Trainer Vet Assistant	\$15,000-\$25,000
Bachelor Degree	Equine Trainer Equine Breeder	\$25,000-\$55,000
Graduate Degree	Vet Research Manager	Above \$90,000

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

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