





## Program of Study: Animal Science Certificate

Caree	r Path	way: Agribusiness/Agricultural Busin	ness Operations				
Second	dary Pa	artner:	Program Name:		CIP:	Program ID:	
Post-secondary Partner: Trinidad State College			Program Name: Animal Science		CIP: <b>01.0901</b>	Program ID: CER_4AGA	
Second	dary Pro	ogram Description:					
Education Level	Course Level	Career and Technical Co	urses	Possibilities of careers, wages, and demand relating to this Pathway			
State G	Graduat	ion Requirements: <u>www.cde.state.co.us/postsec</u>	ondary/graduationguidelines				
High School/Secondary	1 2 3 4	ation Requirements: <u>www.cde.state.co.us/postsecondary/graduationguidelines</u>		Animal Nutrition Consultant, Animal Nutritionist, Animal Scientist, Beef Cattle Nutritionist, Beef Cattle Specialist, Companion Animal Nutritionist, Dairy Nutrition Consultant, Dairy Research Nutritionist, Research Scientist, Scientist Employment Demand: Per LMI Gateway, Farm and Ranch Managers who plan, direct, or coordinate the management or operation of farms, ranches, greenhouses, aquacultural operations, nurseries, timber tracts, or other agricultural establishments. These managers may hire, train, or supervise farm workers or contract for services to carry out the day-to-day activities of the managed operation. May engage in or supervise planting, cultivating, harvesting, financial, or marketing activities. The estimated employment wage statistics for individuals in Colorado employed for Farmers, Ranchers, and Other Agricultural Managers are a Mean Actual Wage for Colorado is \$71,818 with an entry level salary at \$17.84 per hour or \$37,115 annual and experienced level salary at \$42.87 per hour or \$89,169 annually.			
Related Industry Certifications/Credential(s) offered through program: AG Mechanics Agriscience-AG Biology & Sustainable AG Agriscience-Chemistry Floriculture and Horticulture			Work-based Learning offered through program: Career Research Cooperative Education Job Shadowing				

		POSTSECONDARY CREDENTIALS								
	Industry Certifications offered through program:	Certificate(s) offered through program:			Bachelor's Degree(s) program aligns to:	Advanced Degree(s) program aligns to:				
	Animal Science Crop Science Ag Mechanics Advanced Ag Science	Ag Production Ag Business Management	Ag Prod Ag Business M		Agribusiness Management, Livestock Production	Agricultural Sciences Teacher Post-Secondary				
	Postsecondary Program Description: A program that focuses on the application of economics to the analysis of resource allocation, productivity, investment, and trends in the agricultural sector, both domestically and internationally. Includes instruction in economics and related subfields as well as applicable agricultural fields. Program Requirements for Entry: http://www.trinidadstate.edu/admissions									
		General Education Courses								
	AGE 2105 Farm and Ranch Managem AGE 2108 Agriculture Finance ASC 1100 Animal Science BIO 1111 General College Biology I wi RAM 2005 Principles of Range Manag	ith Lab: GT-SC1								
	ASC 2125 Feeds and Feeding ASC 2150 Live Animal and Carcass Eva	aluation								

## **District/College Review**

Secondary Partner Print Name:	Title:	Signature:	Date:
Postsecondary Partner Print Name:	Title:	Signature:	Date: