



**Program of Study: Advanced AG Science Certificate**

Career Pathway: **Agribusiness/Agricultural Business Operations**

Secondary Partner:

Program Name:

CIP:

Program ID:

Post-secondary Partner: **Trinidad State College**

Program Name: **Agriculture Science**

CIP: **01.0301**

Program ID: **CER\_4SGA**

<b>Secondary Program Description:</b>	
Career and Technical Courses	Possibilities of careers, and demand relating to this Pathway
State Graduation Requirements: <a href="http://www.cde.state.co.us/postsecondary/graduationguidelines">www.cde.state.co.us/postsecondary/graduationguidelines</a>	
High School/Secondary	<ul style="list-style-type: none"> <li>• AGE 2108 Agriculture Finance</li> <li>• AGY 1100 General Crop Production</li> <li>• ASC 1100 Animal Sciences</li> <li>• RAM 2005 Range Management</li> <li>• BIO 1111 General College Biology I w/Lab: GT-SC1</li> <li>• ASC 2125 Feeds and Feeding</li> <li>• ACC 1020 Accounting Principles I</li> <li>• ECO 2001 Principles of Macroeconomics: GT-SS1</li> <li>• BIO 1112 General College Biology II w/Lab: GT-SC1</li> <li>• Introduction to Statistics: GT-MA1</li> </ul>
	<p><b>Possibilities of Careers:</b></p> <p>11-9013.00: Farmers, Ranchers, and Other Agricultural Managers 25-1041.00: Agricultural Sciences Teachers, Postsecondary</p> <p><b>Employment Demand and Wage Data:</b></p> <p>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.</p>
<p><b>Related Industry Certifications/Credential(s) offered through program:</b></p> <p>AG Mechanics Agriscience-AG Biology &amp; Sustainable AG Agriscience-Chemistry Floriculture and Horticulture</p>	<p><b>Work-based Learning offered through program:</b></p> <p>Career Research Cooperative Education Job Shadowing</p>
<p><b>Advanced Credit Options Key:</b></p> <p>Notate above which course has an articulation agreement or concurrent enrollment. <b>AA</b> – Course is approved for Articulation Agreement <b>CE</b> – Course is offered as Concurrent Enrollment</p>	<p><b>CTSO organization(s):</b></p> <p><input type="checkbox"/> DECA   <input type="checkbox"/> FBLA   <input type="checkbox"/> FCCLA   <input checked="" type="checkbox"/> FFA   <input type="checkbox"/> CCSA   <input type="checkbox"/> HOSA   <input type="checkbox"/> SkillsUSA   <input type="checkbox"/> TSA   <input type="checkbox"/> SC<sup>2</sup></p>

POSTSECONDARY CREDENTIALS				
Postsecondary	<b>Certificate(s) offered through program:</b>	<b>Associate Degree(s) offered through program:</b>	<b>Bachelor's Degree(s) program aligns to:</b>	<b>Advanced Degree(s) program aligns to:</b>
	Animal Science Crop Science Ag Mechanics Advanced Ag Science	Agribusiness AAS Agriculture Business AS Agriculture Education AS Animal Science AS Soil and Crop Sciences AS	Agribusiness Management Agriculture Systems and Education Agriculture Technology Management	Agricultural Education Agricultural Economics Food Sciences Veterinary Medicine Domestic Animal Biology
	<b>Postsecondary Program Description:</b> Take from active programs page			
	<b>Program Requirements for Entry:</b> <a href="http://www.trinidadstate.edu/admissions">http://www.trinidadstate.edu/admissions</a>			
	<b>CTE Courses</b>		<b>General Education Courses</b>	
Semester 1 <ul style="list-style-type: none"> <li>• AGE 2108 Agriculture Finance</li> <li>• AGY 1100 General Crop Production</li> <li>• ASC 1100 Animal Sciences</li> <li>• RAM 2005 Range Management</li> <li>• BIO 1111 General College Biology I w/Lab: GT-SC1</li> </ul> Semester 2 <ul style="list-style-type: none"> <li>• ASC 2125 Feeds and Feeding</li> <li>• ACC 1020 Accounting Principles I</li> <li>• ECO 2001 Principles of Macroeconomics: GT-SS1</li> <li>• BIO 1112 General College Biology II w/Lab: GT-SC1</li> <li>• Introduction to Statistics: GT-MA1</li> </ul>				

**District/College Review**

Secondary Partner

Print Name: Title: Signature: Date:

Postsecondary Partner

Print Name: Title: Signature: Date: