



Program of Study: Crop Science Certificate

Postsecondary/Secondary Partner(s): _____

Career Pathways: **Plant Science**

Education Levels	Grade	Communication	Mathematics	Other Required Academic Courses (i.e. Science, Social Science)	Career and Technical Program Courses	Supplementary Course Recommendations (i.e. world language, entrepreneurship, etc)	Possibilities of careers relating to this Pathway
State Graduation Requirements: (URL to Page) www.cde.state.co.us/postsecondary/graduationguidelines							
MIDDLE	7						Farmer, Rancher, Farm Manager, Farm Operator, Cash Crop Farmer, Dairy Farm Operator, Grain Farmer, Beef Farm Operator, Cattleman , Agricultural Technician, Farm Labor Contractor, Field Manager, Field Supervisor.,
	8						
High /Secondary	9	English I	Algebra I	Physical Science, Cultural Geography		Physical Education	
	10	English II	Geometry	World History, Biology		Computer Applications, Public Speaking, Health	
	11	English III	Algebra II	US History, Chemistry		Computer Applications	
	12	English IV	Pre-calc/Trig or Other Math	Civics/Political Science, Physics or Other Science		Computer Applications	
	13 th year (ASCENT, P-TECH or other):						
High school courses in the pathway offered locally for college credit should be coded Concurrent Enrollment with CCNS Prefix and Number <weblink>							
List related Industry Certifications/credentials approved and offered locally: <insert credential/Industry certification name here>				Additional Learning Opportunities: CTSO organization(s): <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 ²			
<this field> must have <this level> of training & learning:				Work-based Learning: <input checked="" type="checkbox"/> Career Research <input checked="" type="checkbox"/> Cooperative Education <input type="checkbox"/> Internship <input type="checkbox"/> Mentorship <input checked="" type="checkbox"/> Job Shadowing <input type="checkbox"/> Service Learning Project <input type="checkbox"/> Student Apprenticeship <input type="checkbox"/> Industry Certificate			
Postsecondary: CCPT Placement Assessment CLEP <weblink> Prior Learning Assessment (PLA) eligibility: <weblink> Acceleration Opportunities: AP: IB:				Other Graduation Requirements: <input type="checkbox"/> Capstone Project <input type="checkbox"/> Assessment (ACT, SAT, WorkKeys, ASVAB, Locally endorse, Other) <input type="checkbox"/> ICAP Quality Indicators <input type="checkbox"/> PWR Competencies			

POSTSECONDARY PROGRAMS					
POSTSECONDARY	Industry Certificate	Certificate	Associates Degree	Bachelor's Degree	Advanced Degree
			Ag Production, Ag Business Management	Ag Production, Ag Business Management	Agribusiness Management, Livestock Production
Insert Program Requirements for Entry: http://www.trinidadstate.edu/admissions Gainful Employment Link: http://trinidadstate.edu/gedt/GedtCropScience/Gedt.html					
POSTSECONDARY COMMUNITY COLLEGE	Semester	CTE Sequence of Courses		General Education (Sequence of Courses)	
	Year 1 1 st Semester	AGE 205 Farm and Ranch Management AGY 100 General Crop Production BIO 111 General College Biology I	MAT 107, 121, or 135 Career Math, College Algebra, or Introduction to Statistics		
	Year 1 2 nd Semester	AGP 107 Irrigation management AGY 240 Intro to Soil Science ADE 135 Small Gasoline Engines	CIS 118 Introduction to PC Applications 6 Credit Hours of Electives		
	Year 2 1 st Semester				
	Year 2 2 nd Semester				
Advanced Degree(s)	University/College: Degree or Major: Number of Articulated CC Credits: <insert link to Articulation Agreements> Alignment to ICAP Process and outcome(if applicable):				
Symbols/Codes: Legend: (this POS is coded for the following) + GT Pathway o ICAP Quality Indicator Shown * Hot career field - PWR Competencies Shown ^ Special Pops/ACE @ AVID ~ Concurrent Enrollment / IB x Badge < AP					

Signatures:

_____ (Postsecondary) _____ Secondary _____ Date