Program of Study: Rocky Mountain Line Technician AAS Degree

Postsecondary/Secondary Partner(s):_____

Career Pathways: <u>Electrical Energy Transmission & Distribution</u>

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	Language Arts 7	Math 7	Science 7, Social Studies 7		Computers, P.E., Band, or Art	Apprentice Lineman, Journeyman Lineman, Electrical Lineworker, Power Lineman, , Installation and Repair Technician (I & R Technician), Cable Technician, Installer, System Operator, Transmission System Operator, Distribution System Operator, Power System Dispatcher, Power System Operator, Meter Reader, , Utility Service Worker, Journeyman Electrician, Electrical Apprentice, Groundman,
MIDDLE	8	Language Arts 8	Math 8 or Pre-Algebra	Science 8, Social Studies 8		Computers, P.E., Band, or Art	
High /Secondary	9	English I	Algebra I,	Earth or Environmental Science		Computer Applications, Physical Education	
High /Secondary	10	English II	Geometry	Biology, US History, Foreign Language I		Psychology, Nutrition, Physical Education	
High /Secondary	11	English III	Algebra II	Chemistry, Foreign Language II		Speech/Communications, Physical Education	
High /Secondary	12	English IV	Trigonometry or other Math,	Botany or other lab based Science		Computer Applications	
	13th 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>

This field must have this level of training & learning: Electrical Line Technicians need some postsecondary training and learn some of their skills on the job. They generally require math and computer skills. Soft skills include Interpersonal communication and ethical integrity.

Additional Learning Opportunities:
CTSO organization(s): □ DECA   □ FBLA   □ FCCLA   □ FFA   □ CCSA
□ HOSA   □ SkillsUSA   □ TSA   □ SC²

Work-based Learning:
X Career Research   □ Cooperative Education   □ Internship   □ Mentorship   X Job Shadowing
□ Service Learning Project   □ Student Apprenticeship   □ Industry Certificate

Postsecondary: Accuplacer Placement Assessment: See the TSJC web site
CLEP: https://clep.collegeboard.org/school-policy-search#.
Prior Learning Assessment:
https://www.cccs.edu/current-students/prior-learning-assessment/student-info/
Acceleration Opportunities:
AP: MAT 121, ENG 121, and Some General Education Electives
IB: MAT 121, ENG 121, and Some General Education Electives

Other Graduation Requirements:
□ Capstone Project
□ Assessment (ACT, SAT, WorkKeys, ASVAB, Locally endorse, Other)
□ ICAP Quality Indicators
□ PWR Competencies

POSTSECONDARY	POSTSECONDARY PROGRAMS				
	Industry Certificate	**Certificate**	**Associates Degree**	**Bachelor's Degree**	**Advanced Degree**
		Trinidad State Junior College Western Colorado Community College	Trinidad State Junior College Western Colorado Community College	University of Colorado Boulder University of Colorado Denver	University of Colorado Boulder University of Colorado Denver

Insert Program Requirements for Entry: http://www.trinidadstate.edu/admissions

POSTSECONDARY COMMUNITY COLLEGE

Semester	Sequence of Courses		
Year 1 1st Semester	EIC 125 Electrical Principles & Applied Calculations EIC 106 Power Theory & High Voltage Apparatus EIC 103 Safety & Industry Certifications	EIC 140 Underground Procedures EIC 141 SP: Overhead Procedures	
Year 1 2nd Semester	ENG 115 Technical English and Communication MAT 107, MAT 120 or MAT 135 Career Math, Mathematics for Liberal Arts: GT-MA1 or Introduction to Statistics	PSY 101 General Psychology I SOC 101 Introduction to Sociology I OSH 125 Construction Industry Standards	
Year 2 1st Semester	COM 115 or COM 125 Public Speaking or Interpersonal Communications BUS 216 Legal Environment of Business CIS 118 Intro to PC Applications	MAN 226 Principles of Management OSH 215 Accident Prevention EIC 180 Electricity Industrial and Commercial Internship	
Year 2 2nd 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 * Hot career field - PWR Competencies Shown ^ Special Pops/ACE @ AVID
~ Concurrent Enrollment / IB x Badge < AP

Signatures:

_____ (Postsecondary) _____Secondary _____Date