



Program of Study: Rocky Mountain Line Technician Certificate

Postsecondary/Secondary Partner(s): _____

Career Pathways: Electrical Energy Transmission & Distribution

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,
	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	
	10	English II	Geometry	Biology, US History, Foreign Language I		Psychology, Nutrition, Physical Education	
	11	English III	Algebra II	Chemistry, Foreign Language II		Speech/Communications, Physical Education	
	12	English IV	Trigonometry or other Math,	Botany or other lab based 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 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: 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.				Work-based Learning: X Career Research <input type="checkbox"/> Cooperative Education <input type="checkbox"/> Internship <input type="checkbox"/> Mentorship X Job Shadowing <input type="checkbox"/> Service Learning Project <input type="checkbox"/> Student Apprenticeship <input type="checkbox"/> Industry Certificate			
Postsecondary: Accuplacer Placement Assessment: See the TSJC web site CLEP: https://clep.collegeboard.org/school-policy-search# . Prior Learning Assessment: https://www.ccs.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: <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
		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	CTE Sequence of Courses		General Education (Sequence of Courses)
	Year 1 1 st 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 2 nd Semester			
	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 * Hot career field - PWR Competencies Shown ^ Special Pops/ACE @ AVID
 ~ Concurrent Enrollment / IB x Badge < AP

Signatures:

_____ (Postsecondary) _____ Secondary _____ Date