



## Program of Study: Power Construction Supervision AAS Degree

Career Pathway: Electrical Energy Transmission & Distribution

Secondary Partner:

Program Name:

CIP:

Program ID:

Post-secondary Partner: Trinidad State College

Program Name: Power Construction Supervision AAS

CIP: 46.0303

Program ID: AAS\_PWRS

**Secondary Program Description:**

The Line Technician Program at Trinidad State is designed to prepare students to build, repair, and maintain electrical distribution systems for private and public utility companies, and related employers. Instruction in this program includes safety and overall electrical system operations, including electrical distribution, basic electrical theory, overhead and underground operations and maintenance.

Career and Technical Courses	Possibilities of careers, and demand relating to this Pathway
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State Graduation Requirements: [www.cde.state.co.us/postsecondary/graduationguidelines](http://www.cde.state.co.us/postsecondary/graduationguidelines)

High School/Secondary	<ul style="list-style-type: none"> <li>BUS 1015 Introduction to Business CE</li> <li>COM 1150 Public Speaking, or COM 1250 Interpersonal Communication: GT-SS3 CE</li> <li>COM 1250 Interpersonal Communication: GT-SS3 CE</li> <li>ENG 1015 Technical English and Communication, or ENG 1021 English Composition I: GT-CO1, or ENG 1020 Technical Writing I: GT-CO1 CE</li> <li>MAT 1140 Career Math CE</li> <li>PSY 1001 PSY 1001 General Psychology I: GT-SS3 CE</li> </ul>	<p><b>Possibilities of Careers:</b> Apprentice Lineman, Electrical Lineworker, Power Lineman, Service Technician, Installation and Repair Technician (I &amp; R Technician), Cable Technician, Installer, System Operator, Dispatcher, Transmission System Operator, Electric System Operator, Control Operator, Distribution System Operator, Power System Dispatcher, Control Area Operator, Power System Operator, Meter Reader, Field Technician, Fieldman, Utility Service Worker, Service and Repair Technician, Electrical Apprentice, Groundman, Construction Technician, Construction Worker, Laborer</p> <p><b>Employment Demand and Wage Data:</b> Colorado Department of Labor information for Electrical Power-Line Installers and Repairers in Colorado shows 220 job openings advertised online on December 21, 2023 with Projected Growth in Colorado at 13%. Across the U.S., Onet shows 9,700 projected annual openings with a Projected Growth of 3%. Employment wage statistics show Colorado entry level hourly wage at \$24.96 or annual salary at \$51,910. Experienced employees can anticipate an hourly wage at \$54.09 or annual salary at \$112,500.</p>
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<p><b>Related Industry Certifications/Credential(s) offered through program:</b></p>	<p><b>Work-based Learning offered through program:</b></p> <p>Career Research Cooperative Education Job Shadowing</p>
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<p><b>Advanced Credit Options Key:</b> 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 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>
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POSTSECONDARY CREDENTIALS			
Certificate(s) offered through program:	Associate Degree(s) offered through program:	Bachelor's Degree(s) program aligns to:	Advanced Degree(s) program aligns to:
Rocky Mountain Line Technician Certificate Electrical Technology Fundamentals Certificate	Power Construction Supervision	Utility Line Technician Electrical Engineering	Electrical Engineering
<b>Postsecondary Program Description:</b> The Line Technician Program at Trinidad State is designed to prepare students to build, repair, and maintain electrical distribution systems for private and public utility companies, and related employers. Instruction in this program includes safety and overall electrical system operations, including electrical distribution, basic electrical theory, overhead and underground operations and maintenance.			
<b>Program Requirements for Entry:</b> <a href="http://www.trinidadstate.edu/admissions">http://www.trinidadstate.edu/admissions</a>			
CTE Courses			
Semester 1 <ul style="list-style-type: none"> <li>• BUS 1015 Introduction to Business</li> <li>• COM 1150 Public Speaking, or COM 1250 Interpersonal Communication: GT-SS3</li> <li>• COM 1250 Interpersonal Communication: GT-SS3</li> <li>• ENG 1015 Technical English and Communication, or ENG 1021 English Composition I: GT-CO1, or ENG 1020 Technical Writing I: GT-CO1</li> <li>• MAT 1140 Career Math</li> <li>• PSY 1001 PSY 1001 General Psychology I: GT-SS3</li> </ul> Semester 2 <ul style="list-style-type: none"> <li>• Proof of Department of Labor approved apprenticeship completion of 7500 hours; Prior Learning Assessment portfolio completed with Registrar and pre-approval from Dean of Instruction. This apprenticeship represents 45 credit hours.</li> </ul>			

Postsecondary

**District/College Review**

Secondary Partner

Print Name:

Title:

Signature:

Date:

Postsecondary Partner

Print Name:

Title:

Signature:

Date: