





Program of Study: Automotive Electrical Certificate

Career Pathway: Automotive Program ID: Secondary Partner: Program Name: CIP: Program Name: Automotive Electrical Certificate CIP: 47.0604 Post-secondary Partner: Trinidad State College Program ID: CER AAEE **Secondary Program Description:** This program is designed to prepare students for employment in the automotive service industry as technicians and will help prepare students for the ASE certification examinations. Career and Technical Courses Possibilities of careers, and demand relating to this Pathway State Graduation Requirements: www.cde.state.co.us/postsecondary/graduationguidelines **Possibilities of Careers:** ASE 1002 Introduction to the Automotive Shop CE ASE 1020 Basic Automotive Electricity CE Automotive Service Manager, Automotive Service Technician, Master Mechanic, Automotive Specialty Technician, General Automotive Technician, Service Advisor ASE 1022 Automotive Elective Safety Systems CE ASE 1023 Starting and Charging System CE **Employment Demand and Wage Data:** ASE 2021 Automotive and Diesel Body Electrical CE High School/Secondary Employment Data Occupational Employment & Future Employment Outlook. This section shows the estimated employment wage statistics for individuals in Colorado employed for Automotive Service Technicians and Mechanics in 2019. Annual wage or salary: Entry Level - \$30,575; Mean - \$49,972; Experienced - \$59,671 Hourly wage: Entry Level - \$14.70; Mean - \$24.03; Experienced - \$28.69 The estimated number of Automotive Service Technicians and Mechanics (No data available for Automotive Master Technicians) employed in Colorado in 2018 was 14,752. It is projected that in 2028 there will be 16,255. This represents an annual average growth rate of .97%. Source: Occupational Employment Projections Related By: O*NET™ - The Occupational Information Network. Related Industry Certifications/Credential(s) offered through program: Work-based Learning offered through program: Career Research Cooperative Education Job Shadowing **Advanced Credit Options Key:** CTSO organization(s): Notate above which course has an articulation agreement or concurrent enrollment. **AA** – Course is approved for Articulation Agreement □ DECA □ FBLA □ FCCLA □ FFA □ CCSA □ HOSA □ SkillsUSA **CE** – Course is offered as Concurrent Enrollment ☐ TSA ☐ SC²

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:					
Automotive Electrical Certificate	Automotive Service Technology AAS	Automotive Service Technology BS	Automotive Service Technology MS					
Postsecondary Program Description: This 2-year Certificate and Associate of Applied Science degree program is designed to prepare students for employment in the automotive service industry as technicians and will help prepare students for the ASE certification examinations. Program Requirements for Entry: http://www.trinidadstate.edu/admissions								
	CTE Courses							
Semester 1 ASE 1002 Introduction to the Auto ASE 1020 Basic Automotive Electrical ASE 1022 Automotive Electrical ASE 1023 Starting and Charging Starting ASE 2021 Automotive and Diesel	ricity Tety Systems ystem							

District/College Review

Secondary Partner			
Print Name:	Title:	Signature:	Date:

Postsecondary Partner

Print Name: Title: Signature: Date: