# Program of Study: Engine Performance Certificate

Career Pathway: Automotive

| Secondary Partner: | Program Name: | CIP: | Program ID: |
|---|---|---|---|
| Post-secondary Partner: Trinidad State College | Program Name: Engine Performance Certificate | CIP: 47.0604 | Program ID: CER_AT4 |

**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 | |

**High School/Secondary**

- ASE 1002 Introduction to the Automotive Shop CE
- ASE 2035 Drivability & Diagnosis CE
- ASE 1034 Automotive Fuel and Emission Systems I CE
- ASE 2031 Automotive Computers and Ignition Systems CE
- ASE 2033 Automotive Fuel and Emission Systems II CE

**Possibilities of Careers:**
Automotive Service Manager, Automotive Service Technician, Master Mechanic, Automotive Specialty Technician, General Automotive Technician, Service Advisor

**Employment Demand and Wage Data:**
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 Leve l- $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<br>Cooperative Education<br>Job Shadowing |

| Advanced Credit Options Key:<br>Notate above which course has an articulation agreement or concurrent enrollment.<br>**AA** – Course is approved for Articulation Agreement<br>**CE** – Course is offered as Concurrent Enrollment | CTSO organization(s):<br><br>☐ DECA  ☐ FBLA  ☐ FCCLA  ☐ FFA  ☐ CCSA  ☐ HOSA  ☐ SkillsUSA<br>☐ 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:** |
| Engine Performance 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<br>• ASE 1002 Introduction to the Automotive Shop<br>• ASE 2035 Drivability & Diagnosis<br>• ASE 1034 Automotive Fuel and Emission Systems I<br>• ASE 2031 Automotive Computers and Ignition Systems<br>• ASE 2033 Automotive Fuel and Emission Systems II | |

_Postsecondary_ (vertical label)

## District/College Review

Secondary Partner
Print Name:                    Title:                    Signature:                    Date:


Postsecondary Partner
Print Name:                    Title:                    Signature:                    Date: