



Program of Study: Automotive Service Technology Certificate



Postsecondary/Secondary Partner(s): _____

Career Pathways: **Facility and Mobile Equipment Maintenance**

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						Automotive Technician (Auto Technician), Technician, Mechanic, Air Conditioning Technician (A/C Technician), Trim Technician, Alignment Specialist, Automobile Mechanic (Auto Mechanic), Automotive Worker, Brake Technician, Drivability Technician, Maintenance Specialist, Installer, Electronic Technician, Mobile Electronics Installation Specialist, Auto Electrician, Tire Technician,
	8						
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			
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 checked="" type="checkbox"/> SkillsUSA <input type="checkbox"/> TSA <input type="checkbox"/> SC ²			
<this field> must have <this level> of training & learning:				Work-based Learning: <input checked="" type="checkbox"/> Career Research <input checked="" type="checkbox"/> Cooperative Education <input checked="" type="checkbox"/> Internship <input type="checkbox"/> Mentorship <input checked="" type="checkbox"/> Job Shadowing <input type="checkbox"/> Service Learning Project <input type="checkbox"/> Student Apprenticeship <input type="checkbox"/> Industry Certificate			
Postsecondary: CCPT Placement Assessment CLEP <weblink> Prior Learning Assessment (PLA) eligibility: <weblink> Acceleration Opportunities: AP: IB:				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										
	ASE Automotive Certification	Automotive Service, Engine Performance, Brakes, Engine Repair, Manual Transmission, Automatic Transmission, HVAC	Automotive Service Technology, Diesel Power mechanics	Management/Business emphasis, Mechanical Engineering, Electrical Engineering	Management/Business emphasis, Mechanical Engineering, Electrical Engineering										
	Insert Program Requirements for Entry: http://www.trinidadstate.edu/admissions														
	Gainful Employment Link: http://trinidadstate.edu/gedt/AutomotiveServiceTechnology/AutoAutomotiveMechanicTechnicianCertificate/Gedt.html														
POSTSECONDARY COMMUNITY COLLEGE	Semester	CTE Sequence of Courses		General Education (Sequence of Courses)											
	Year 1 1 st Semester	ASE-120 Basic Automotive Electricity ASE-123 Starting and Charging Systems ASE-122 Automotive Electrical Safety Systems ASE-221 Automotive/Diesel Body Electrical	ASE-102 Introduction to the Automotive Shop ASE-110 Brakes I ASE-111 Brakes II ASE-210 Automotive PWR/ABS Brake Systems												
	Year 1 2 nd Semester	ASE-130General Engine Diagnosis ASE-160Automotive Engine Repair ASE-162Automotive Engine Service	ASE-140 Suspension and Steering I ASE-141 Suspension and Steering II ASE-240 Suspension and Steering III												
	Year 2 1 st Semester	ASE-150 Manual Drive Train and Axle ASE-151 Manual Trans/Transaxle and Clutch ASE-152 Manual Trans/Transaxle and Clutch II	ASE-250 Automatic Trans/Transaxle Service ASE-251 Automatic Trans/Transaxle Repair												
	Year 2 2 nd Semester	ASE-264 Introduction to Automotive HVAC ASE-265 HVAC Systems	ASE-134 Automotive Fuel and Emissions Systems I ASE-233 Fuel Injection and emissions ASE-231 Automotive Computers and Ignition Systems ASE-132 Ignition System Diagnosis and Repair												
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) <table style="width: 100%; border: none;"> <tr> <td style="width: 50%;">+ GT Pathway</td> <td>o ICAP Quality Indicator Shown</td> </tr> <tr> <td>* Hot career field</td> <td>- PWR Competencies Shown</td> </tr> <tr> <td>^ Special Pops/ACE</td> <td>@ AVID</td> </tr> <tr> <td>~ Concurrent Enrollment</td> <td>/ IB</td> </tr> <tr> <td>x Badge</td> <td>< AP</td> </tr> </table>						+ GT Pathway	o ICAP Quality Indicator Shown	* Hot career field	- PWR Competencies Shown	^ Special Pops/ACE	@ AVID	~ Concurrent Enrollment	/ IB	x Badge	< AP
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Signatures:

_____ (Postsecondary) _____ Secondary _____ Date _____