



Program of Study: Automotive Service Technology AAS



Postse	econda	ry/Secondary Partner(s):		Career Pathways: <u>Facility and Mobile Equipment Maintenance</u>							
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												
	7						Automotive Technician (Auto					
MIDDLE	8						Technician), Technician, Mechanic, Air Conditioning Technician (A/C Technician), Trim					
High /Secondary	9	English I	Algebra I,	Earth or Environmental Science		Computer Applications, Physical Education	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,					
	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 pa	thway offered locally	for college credit should be coded	Concurrent Enrollment wit	h CCNS Prefix and Number <weblink></weblink>						
		ndustry Certifications/co ive Certification	redentials approved a	nd offered locally:	Additional Learning Opportunities: CTSO organization(s): DECA							
<this field=""> must have <this level=""> of training & learning:</this></this>					Work-based Learning: X Career Research X Cooperative Education X Internship □ Mentorship X Job Shadowing □ Service Learning Project □ Student Apprenticeship X Industry Certificate							
CLEP < Prior L Accele AP:	weblinl earning	y: CCPT Placement Asse k> g Assessment (PLA) eligi Opportunities:			Other Graduation Requirements: □ Capstone Project □ Assessment (ACT, SAT, WorkKeys, ASVAB, Locally endorse, Other) □ ICAP Quality Indicators □ PWR Competencies							
IB:												

	POSTSECONDARY PROGRAMS											
DARY	Industry Certificate		Certificate		Associates Degree	Bachelor's Degree	Advanced Degree					
POSTSECONDARY	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://www.trinidadstate.edu/gedt/AutomotiveServiceTechnology/AutoAutomotiveMechanicTechnicianDegree/Gedt.html											
	Semester		CTE Sequence	CTE Sequence of Courses		General Education (Sequence of Courses)						
TY COLLEGE	Year 1 1 st Semester	ASE-120 Basic Automotive Electricity ASE-123 Starting and Charging Systems ASE-122 Automotive Electrical Safety Syst ASE-221 Automotive/Diesel Body Electrica		ASE-110 ASE-111	2 Introduction to the Automotive Shop D Brakes I L Brakes II D Automotive PWR/ABS Brake Systems	MAT-107 or Mat121 Career mathematics or College Algebra						
POSTSECONDARY COMMUNITY COLLEGE	Year 1 2 nd Semester	ASE-130General Engine Diagnosis ASE-160Automotive Engine Repair ASE-162Automotive Engine Service		ASE-141	O Suspension and Steering I L Suspension and Steering II O Suspension and Steering III	ENG-115 or ENG-121 Technical Writing or English Composition						
OSTSECONDAR	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			O Automatic Trans/Transaxle Service L Automatic Trans/Transaxle Repair	Six credit hours of electives from Humanities, Science, or Behavioral Sciences						
PC	Year 2 2 nd Semester	ASE-264 Introduction to Automotive HVAC ASE-265 HVAC Systems		ASE-233 ASE-231	A Automotive Fuel and Emissions Systems I B Fuel Injection and emissions I Automotive Computers and Ignition Systems 2 Ignition System Diagnosis and Repair	COM-115 COM-125 Public Speaking or Interpersonal Communications						
Advanced Degree(s)	University/College: Degree or Major: Number of Articulated CC Credits: <insert agreements="" articulation="" link="" to=""> Alignment to ICAP Process and outcome(if applicable):</insert>											
	_	d: (this POS is coded for the										
	+ GT Pathway o ICAP Quality Indicator Shown * Hot career field - PWR Competencies Shown											
	^ Special Pops/ACE		- PWR Competencies Shown @ AVID									
	~ Concurrent Enrollment		/ IB									
	x Badge		< AP									
Signature	<u>s:</u>											
			(Postsecondary)			Secondary	Date					