

Skilled Trades & Technical Sciences	Pathway: Transportation, Distribution & Logistics
	Plan of Study: Automotive Technology

Career Goal (O*Net Code): 49-3023.01 - Automotive Master Mechanics; 49-3023.00 - Automotive Service Technicians and Mechanics; 49-3023.02 - Automotive Specialty Technicians; 53-6051.07 - Transportation Vehicle, Equipment and Systems Inspectors, Except Aviation; 051.00 - Transportation Inspectors; 53-6031.00 - Service Station Attendants; 41-2022.00 - Parts Salespersons; 49-3093.00 - Tire Repairers and Changers.

Suggested High School Courses

Cherry Creek School District Automotive Technology programs * Default includes CDHE Higher Education Admission Requirements	9 th	Core Academic Courses*:	English 9, Algebra 1, Earth/Physical Science, World Geo, World Lang.	Suggested Electives: P.E.
		Career Path Courses:	Consumer Auto (Sem class)	
	10 th	Core Academic Courses*:	English 10, Geometry, Biology, U.S. History, World Lang. (Level 2),	Suggested Electives: Health
		Career Path Courses:	Automotive Technology (year-long class, often called Basic Auto)	
	11 th	Core Academic Courses*:	Jr. Lit, Jr. Writing, Algebra II, Chemistry, Psy/Am. Gov., World Lang. (level 3)	Suggested Electives: P.E.T. and Physical Education
		Career Path Courses:	Advanced Auto (year-long, two-period class)	
	12 th	Core Academic Courses*:	English Elective (1.0), Pre-Cal/Trig, Physics, Social Studies,	Suggested Electives: Physical Education (1.0) or waive .50 for school sport
		Career Path Courses:	Auto Specialist (year-long, two-period class)	

Secondary to Postsecondary Linkages & Certifications

Recognition for Advanced Learning	Postsecondary Credit Options: Articulation Agreement with Arapahoe Community College with a Dual Credit option.
	Industry Recognized Certificate(s) or License(s): Certificate of completion.

		Postsecondary Programs Available in Colorado	Colorado Institutions	Entrance Exams/Requirements
Postsecondary Education Opportunities	Certificate	Automotive Service Technology, Auto Drive Lines/Suspension/Brakes, Auto Electrical/Air Conditioning, Auto Engine Repair/Performance Technician, Auto Heating/AC Technician, Automotive Drive Train Specialist, Automotive Engine Repair, Automotive Heating/Air Conditioning	Community Colleges: Emily Griffith Opportunity School, Front Range Community College-Westminster, Morgan Community College, Otero Junior College, Pike's Peak Community College, Pueblo Community College, Red Rocks Community College.	High School diploma/GED
	Associate Degree	Automotive Industrial Education, Automotive Mechanics, Automotive Mechanics Technology/Electronics /Computerized Diagnostics, Automotive Mechanics Technology/General, Automotive Technology/Management, Automotive Technology/General Motors, Chrysler and Nissan, Auto Service Management Technology, Automotive Electronics Technology, Automotive Trim	AVS: Emily Griffith Opportunity School, Pickens Technical College. Community Colleges/Colleges: Aims Community College, Arapahoe Community College, Colorado Mountain College, Community College of Aurora, Community College of Denver, Front range Community College-Larimer Campus, Mesa State, Morgan Community College, Northeastern Junior College, Pike's Peak Community College, Pueblo Community College, Red Rocks Community College, Trinidad State Junior College. Private Schools: Lincoln Technical College (Formerly Denver Automotive & Diesel College),	High School diploma/GED, Accuplacer Test

Bachelor Degree	Automotive Industry Management	Colorado State University-Pueblo. More four-year choices in NM, Utah, OK and Kansas.	See each school's Admissions website.
Graduate Degree		For more information about colleges that have these programs go to www.CollegeinColorado.org	See each school's Admissions website.

Cluster Overview: The **Transportation, Distribution and Logistics Career Cluster** prepares students in planning, management, and movement of people, materials, and goods by road, pipeline, air, rail and water and related professional and technical support services such as transportation infrastructure planning and management, logistics services, mobile equipment and facility maintenance.

Extended Learning Experiences

Curricular Experiences: SkillsUSA	Extracurricular Experiences: Automotive Leadership and Competition opportunities through SkillsUSA, Ford/AAA, Greater New York Auto Dealers Competition.
Work-Based Learning Experiences: Career Preparation – Paid and Unpaid, Job Shadowing, Internships through our Automotive Youth and Education System (AYES).	Program Accreditation and/or Professional Association(s): NATEF (National Automotive Technicians Education Foundation) ASE (Automotive Service Excellence) SkillsUSA (Formerly VICA) ASA (Automotive Service Association)
Service Learning Experiences: Volunteer work through SkillsUSA, Community Organizations, Tutoring/Mentoring Programs	

Career Options:		Salary Range:
Certificate	Specialized Automotive Repair Technician, General Light-Duty Automotive Technician.	\$-\$
Associate Degree	Automotive Mechanics, Automotive Mechanics Technology/Electronics /Computerized Diagnostics, Automotive Mechanics Technology/General, Automotive Technology/Management, Automotive Technology/General Motors, Chrysler and Nissan, Auto Service Management Technology, Automotive Electronics Technology, Automotive Trim.	\$-\$\$\$
Bachelor Degree	Automotive Industry Management, Automotive Technician.	\$\$ - \$\$\$\$
Graduate Degree	Transportation Manager (Air, Rail, Water, Road, Mass Transit) Ship Engineer Ship Pilot Federal Aviation Administration Official	\$\$\$ - \$\$\$\$

- \$ = \$15-25,000; \$\$ = \$25-55,000; \$\$\$ = \$55-90,000; \$\$\$\$ = Above \$90,000

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