

	Pathway: Facility & Mobile Equipment Maintenance
	Plan of Study: Automotive Service

Career Goal (O*Net Code): Repairer/Mechanic (Automotive Service, Automotive Body, Rail Car, Ship/Motorboat, Aircraft/Airframe, Electronics) (49-3023), Automotive Specialty Technician (Bus, Truck, Diesel, Bicycle, Glass, Tire) (49-3023), Facility Maintenance Manager (49-1011).

Suggested High School Courses				
High School * Default includes CDHE Higher Education Admission Requirements	9 th	Core Academic Courses*:	English I, Algebra I/Geometry, Earth or Physical Science, Geography,	Suggested Electives: Physical Education Computer Applications Fine Arts
		Career Path Courses:	Health	
	10 th	Core Academic Courses*:	English II, Geometry/Algebra II, Biology, World History, Foreign Language I	Suggested Electives: Physical Education Speech
		Career Path Courses:		
	11 th	Core Academic Courses*:	English III, Algebra II/ or other mathematics, Chemistry, US History	Suggested Electives:
		Career Path Courses:		
	12 th	Core Academic Courses*:	English IV, Trigonometry or other Math, lab based science, Government	Suggested Electives:
		Career Path Courses:		

Secondary to Postsecondary Linkages & Certifications	
Recognition for Advanced Learning	Postsecondary Credit Options:
	Industry Recognized Certificate(s) or License(s): Voluntary certification is available through National Institute for Automotive Service Excellence (ASE)

		Postsecondary Programs Available in Colorado	Colorado Institutions	Entrance Exams/ Requirements
Postsecondary Education Opportunities	Certificate	Engine Repair, Manual Drive Train and Axles, Automatic Transmission and Transaxle, Suspension and Steering, Engine Performance, Brakes, Electrical/Electronic Systems, Heating and Air Conditioning, Automotive Service Technician	Otero Junior College	High School diploma/GED
	Associate Degree	Automotive Technology Automotive Service & Technology, Auto Collision Repair Technology, Automotive Diesel Master Technician, Diesel Power Mechanics, Aviation Technology, Aviation Maintenance	Otero Junior College Pueblo Community College, Pikes Peak Community College, For more information www.CollegeinColorado.org	High School diploma/GED
	Bachelor Degree	Automotive Industry Management Aviation Management, Aviation Technology, Mechanical Engineering Technology, Electrical Engineering Technology, Aerospace Engineering, Mechanical Engineering, Electrical Engineering, Engineering Physics, Automotive Industry, Industrial Engineering, Engineering/Mechatronics	Colorado State University-Pueblo For more information about colleges that have these programs go to www.CollegeinColorado.org	See each school's Admissions website.
	Graduate Degree	Aerospace Engineering, MS & PhD, Mechanical Engineering, MS & PhD, Electrical Engineering, MS & PhD, Engineering Management, MS & PhD, Mechanical & Aerospace Engineering, PhD, Engineering Systems, MS	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 FFA FBLA	Extracurricular Experiences: Peer Tutoring/Mentoring Art Club Athletics Knowledge Bowl National Honor Society Class Officer Student Council Yearbook Speech & Debate Team	
Work-Based Learning Experiences: Career Preparation – Paid and Unpaid, Job Shadowing, Internships	Program Accreditation and/or Professional Association(s): Alliance of Automobile Manufacturers http://www.autoalliance.org Automotive Service Excellence http://www.asecert.org Engine Manufacturers Association http://www.enginemanufacturers.org Industrial Truck Association https://www.indtrk.org Motor & Equipment Manufacturers Associations http://www.mema.org National Automotive Technicians Education Foundation http://www.natef.org Society of Automotive Engineers http://www.sae.org/servlets/index	
Service Learning Experiences: Habitat for Humanity, Volunteer Centers, Community Organizations, Tutoring/Mentoring, 4-H,		
Career Options:		Salary Range:
Certificate	Automotive Technician, Automotive Service Technician, Shop Foreman, Auto Mechanic, Mechanic, Air Conditioning Technician (A/C Technician), Trim Technician, Alignment Specialist, Automobile Mechanic (Auto Mechanic), Automotive Worker, Brake Technician, Drivability Technician	\$ - \$\$
Associate Degree	Automotive Technician, Automotive Service Technician, Shop Foreman, Certified ASE Master Automotive Technician (Certified Automotive Service Excellence Master Automotive Technician), Master Automotive Technician, ASE Master Mechanic (Automotive Service Excellence Master Mechanic), Auto Mechanic	\$\$ - \$\$\$
Bachelor Degree	Facility Maintenance Manager, Industrial Engineer , Mechanical Designer, Design Engineer, Engineering Technical Analyst, Mechanical Technician	\$\$\$
Graduate Degree	Automotive Engineer, Mechanical Engineer, Equipment Engineer, Product Engineer	\$\$\$ - \$\$\$\$

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

Otero Junior College does not discriminate on the basis of race, color, national origin, sex, disability or age in its programs or activities. Please direct inquiries to: *Affirmative Action Officer, 1802 Colorado Ave. Macdonald Hall Room 221, La Junta, CO*