



Pathway: Facility & Mobile Equipment Maintenance

Plan of Study: Diesel Equipment Technology

Cluster Overview: 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.

Career Goal (O*Net Code): Examples: 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).

Relevant Occupational Experience:
(Your Life Experiences may be worth College Credit):

[Institution website](#)

(Insert relevant occupations/skills/Military experience here and include institution policy on Credit for Prior Learning)

Postsecondary Linkages & Certifications

Recognition for Advanced Learning	<p>Postsecondary Credit Options: Dual credit (HS/PS) HS 3.0 Practical Art, PS Up to 48 credits Post secondary credits (maximum 45) from a completed PTC certificate program can be transferred to any Colorado community college towards an Associate of Applied Science (AAS) or Associate of General Studies (AGS) degree</p>
	<p>Industry Recognized Certificate(s) or License(s): Certificates: Certificate of Completion from Pickens Technical College (PTC) Voluntary certification is available through National Institute for Automotive Service Excellence (ASE) (exams available from outside vendors at additional cost)</p>

		Colorado Postsecondary Programs Available	Colorado Institutions	Entrance Exams/ Requirements
Postsecondary Education Opportunities	Certificate	Diesel Equipment/Mechanics Diesel Machinery (Certificate names may vary by institution) 1-2 years	Pickens Technical College Mesa State College, Colorado Northwestern Community College, Trinidad State Junior College,	See each school's Admissions website.
	Associate Degree	Diesel Equipment/Mechanics Diesel Machinery 2 years	Mesa State College, Colorado Northwestern Community College, Trinidad State Junior College, Pikes Peak Community College	See each school's Admissions website.
	Bachelor Degree	Automotive Industry Management Industrial Design 4 years	Colorado State University-Pueblo Metropolitan State College	See each school's Admissions website.
	Graduate Degree	Business Administration/ Commerce/ Management 2 years	Colorado State University, Mesa State University, Regis University, University of Colorado, University of Denver	See each school's Admissions website.

Support Structures: Student Success Center (Tutoring) Nurse on Staff Cafeteria Child Care Center for students and staff		Financial Aid: FAFSA http://www.fafsa.ed.gov Pickens Tech School Code: 012875 Scholarships: Call for scholarship applications and deadlines.
Extended Learning Experiences		
Curricular Experiences: SkillsUSA National Technical Honor Society		Extracurricular Experiences: Auto Part Store Visits Truck Dealership Visits Auto Truck Shows
Work-Based Learning Experiences: Suggested: Suggested Career Preparation –Part-time jobs, paid and unpaid internships, job shadowing		Program Accreditation and/or Professional Association(s): National Automotive Technicians Education Foundation (NATEF) National Institute for Automotive Automotive Service Association
Service Learning Experiences: Community Service & Volunteering		
Career Options:		Salary Range:
Certificate	Repairer/Mechanic (Automotive Service, Automotive Body, Rail Car, Ship/Motorboat, Aircraft/Airframe, Electronics)	\$ - \$\$\$
Associate Degree	Repairer/Mechanic (Automotive Service, Automotive Body, Rail Car, Ship/Motorboat, Aircraft/Airframe, Electronics), Automotive Specialty Technician (Bus, Truck, Diesel, Bicycle, Glass, Tire), Industrial Electrician, Master Mechanic, Mechanical Repair Supervisor	\$\$ - \$\$\$
Bachelor Degree	Facility Maintenance Manager Industrial/Mechanical/Automotive Engineer Business/Shop Owner	\$\$\$-\$\$\$\$
Graduate Degree	Facility Maintenance Manager Industrial/Mechanical/Automotive Engineer Business/Shop Owner	\$\$\$ - \$\$\$\$

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

Insert Institution Name Here does not discriminate on the basis of race, color, national origin, sex, disability or age in its programs or activities. Please direct inquiries to: Mary Lou Vasquez, 303-344-4910, ext. 27704