


Moffet

 transportation, Distribution & Logistics	Pathway: Facility & Mobile Equipment Maintenance
	Plan of Study: Industrial Technician

Career Goal (O*Net Code): Automotive Service Technicians (49-3023), Automotive Master Mechanics (49-3023.01), Automotive Specialty Technician (49-3023.02), Tire Repairers and Changers (49-3093); Service Station Attendants (53-6031); Automotive Body and Related Repairer (49-3021).

Suggested High School Courses				
High School * Default includes CDHE Higher Education Admission Requirements	9 th	Core Academic Courses*:	Writers Craft, Algebra I, Physical Science, World Geography, Spanish I, Computer Applications	Suggested Electives: P.E., Art, Music, Publications
		Career Path Courses:	Automotive Mechanics	
	10 th	Core Academic Courses*:	Literature & Composition, Geometry, Biology, World History, Spanish II	Suggested Electives: P.E., Art, Music, Publications, Tech Art
		Career Path Courses:	Automotive Mechanics, Welding	
	11 th	Core Academic Courses*:	American Literature, Algebra II, Chemistry or Physics or Environmental Science	Suggested Electives: P.E., Art, Music, Publications, Tech Art, Spanish III
		Career Path Courses:	Automotive Mechanics II, Welding II	
	12 th	Core Academic Courses*:	Senior English, Func-Stat-Trig or other Math, Chemistry or Physics or Environmental Science, Senior Social Studies/Civics	Suggested Electives: P.E., Art, Music, Publications, Tech Art, Spanish IV
		Career Path Courses:	Automotive Mechanics, Welding Fabrication	

Secondary to Postsecondary Linkages & Certifications	
Recognition for Advanced Learning	Postsecondary Credit Options: Dual Credit – Trinidad State Junior College Valley Campus, Adams State College
	Industry Recognized Certificate(s) or License(s): Voluntary certification is available through National Institute for Automotive Service Excellence (ASE) Voluntary National Automotive Technicians Education Foundation certification (NATEF)

	Postsecondary Programs Available in Colorado		Colorado Institutions	Entrance Exams/Requirements
	Postsecondary Education Opportunities	Certificate	Automotive Service & Technology, Automotive Diesel Master Technician, Auto Collision Repair Technology, Diesel/Heavy Equipment Mechanics, Industrial Mechanics, Aviation Maintenance, Aviation Technology	Programs available at many Colorado Community Colleges and Area Technical Schools. For more information go to: www.collegeincolorado.com
Associate Degree		Automotive Service & Technology, Auto Collision Repair Technology, Automotive Diesel Master Technician, Diesel Power Mechanics, Aviation Technology, Aviation Maintenance	Aims CC, Arapahoe CC, Front Range CC, Morgan CC, Northeastern Junior College, Pikes Peak CC, Pueblo CC, Red Rocks CC, Trinidad State Jr. College, Mesa State College, Northeastern Junior College, CC of Aurora	High School diploma/GED
Bachelor Degree		Aviation Management, Aviation Technology, Mechanical Engineering Technology, Electrical engineering Technology, Aerospace Engineering, Mechanical Engineering, Electrical Engineering, Engineering Physics, Automotive Industry, Industrial Engineering, Engineering/Mechatronics	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

<p>Curricular Experiences:</p> <p>Skills USA Community based projects</p>	<p>Extracurricular Experiences:</p> <p>Skills USA Skills Olympics Field trips to regional professional experiences</p>
<p>Work-Based Learning Experiences:</p> <p>Career Preparation – work on vehicles for public customers, practicum experiences, visiting of professional shops, professional guest speakers.</p>	<p>Program Accreditation and/or Professional Association(s):</p> <p>Teach to standards set by ASE, NATEF, SAE</p>
<p>Service Learning Experiences:</p> <p>Community volunteering, repairing of small engines, vehicles, machinery, Earth Day environmental cleanup</p>	

Career Options:

Salary Range:

Certificate	Career Options:	Salary Range:
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 Engineer	\$\$\$
Graduate Degree	Automotive Engineer Mechanical Engineer	\$\$\$ - \$\$\$\$

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

Moffat Consolidated School District #2 does not discriminate on the basis of race, color, national origin, sex, disability or age in its programs or activities. Please direct inquiries to: Charles Warren, Superintendent. (719)256-4710.

