



Pathway: Facility & Mobile Equipment Maintenance

Plan of Study: Automotive Technology

Career Goal (O*Net Code): Automotive Service Technician/**Mechanic**

Suggested High School Courses

High School * Default includes CDHE Higher Education Admission Requirements	9 th	Core Academic Courses*:	English I, Algebra I, Earth or Environmental Science, State History/Civics	Suggested Electives: Insert Recommended Electives Here
		Career Path Courses:	Industrial Arts or Ag Education	
	10 th	Core Academic Courses*:	English II, Geometry, Biology, US History, Foreign Language I	Suggested Electives: Insert Recommended Electives Here
		Career Path Courses:	Industrial Arts or Ag Education	
	11 th	Core Academic Courses*:	English or Reading, Math or Algebra, Applied Physics	Suggested Electives: Auto Mechanics Ag Mechanics Welding
		Career Path Courses:	Auto Mechanics, Industrial Arts, Ag Education	
	12 th	Core Academic Courses*:	English or Reading, Math or Algebra, Applied Physics	Suggested Electives: Auto Mechanics Ag Mechanics Welding
		Career Path Courses:	Auto Mechanics, Industrial Arts, Ag Education	

Secondary to Postsecondary Linkages & Certifications

Recognition for Advanced Learning	Postsecondary Credit Options: Advance Credit Pathways, Articulated credit with post-secondary automotive program
	Industry Recognized Certificate(s) or License(s):

		Colorado Postsecondary Programs Available	Colorado Institutions	Entrance Exams/ Requirements
Postsecondary Education Opportunities	Certificate	Automotive Technician Certificates	www.collegeincolorado.org Northeastern Junior College	High School Diploma/GED
	Associate Degree	Associate of Applied Science in Automotive Technology	www.collegeincolorado.org Northeastern Junior College	High School Diploma/GED
	Bachelor Degree	Automotive Industry Management	www.collegeincolorado.org CSU - Pueblo	Transfer from NJC to CSU-Pueblo with Assoc. in Gen. Studies
	Graduate Degree	Not Applicable	www.collegeincolorado.org	

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>Automotive Service Excellence (ASE) certification testing available at completion of two-year degree</p> <p>Skills USA</p>	<p>Extracurricular Experiences:</p> <p>Student club activities, annual car show, industry tours, leadership development</p>
<p>Work-Based Learning Experiences:</p> <p>Part-time job opportunities generally available while attending college</p> <p>Paid and Unpaid Mentorship/Job Shadow</p>	<p>Program Accreditation and/or Professional Association(s):</p> <p>Program certified by the National Automotive Technicians Education Foundation (NATEF)</p>
<p>Service Learning Experiences:</p>	

Career Options:		Salary Range:
Certificate	<p>Limited to the areas of training for certificate. Part person, ect. – specific ASE certifications available</p>	\$10-\$12 per hour
Associate Degree	<p>Automotive Technician – ASE certification available in 8 areas Service Manager Parts Manager</p>	\$16-\$28 per hour
Bachelor Degree	<p>Shop Manager, Business manager, automotive sales, etc.</p>	\$50,000 - \$75,000 per year
Graduate Degree		

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

NORTHEASTERN 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: Human Resources 100 College Ave Sterling 80751