


Automotive Mechanics Technology Program of Study

Career Cluster 			
Major Career Options:			
<ul style="list-style-type: none"> Automotive Service Technician Collision Repair Technician 	<ul style="list-style-type: none"> Diesel Technician Motorcycle Maintenance 	<ul style="list-style-type: none"> Alternative Fuel Technician Engine Machinist 	<ul style="list-style-type: none"> Independent Shop Owner Fleet Facilities

CTE Diploma Course Requirements: 22 1/2 credits; 4 CTE courses, 2 in one area; work experience counts only if in related courses; no F's.

Yellow: General Graduation Requirements

Blue/ bold: Recommended Auto Tech Pathway

Green/italics: Recommended Electives

9 th Grade		10 th Grade	11 th Grade	12 th Grade
<i>Semester 1</i>	<i>Semester 2</i>	<i>Semester 1&2</i>	<i>Semester 1&2</i>	<i>Semester 1&2</i>
Freshman English		Sophomore English	Junior English	Senior English
Discovery Science		Biology	Chemistry	Physics
Algebra, Geometry		Algebra II	Trigonometry/Pre-Calculus, Calculus, Statistics	Algebra III
Computer Literacy and Health		World History	U.S. History	Government
Physical Education		Physical Education	Welding I, Auto Body I, or CADD I	Welding, Auto Body II, or CADD II
Elective- Auto Tech I		Auto Tech I or II	Auto Tech II or III	Auto Tech Projects
Work-Based Learning Opportunities		Tech Prep Articulation Agreements or University Articulation Agreements	Career-Technical Student Organizations (CTSOs) and Clubs	Certifications
<ul style="list-style-type: none"> Career Awareness Cooperative Education Job Shadowing Paid/Unpaid Internship School-Based Enterprise Service Learning 		WNC Auto 101B- Introduction to General Mechanics Auto 111B- Auto Electricity & Electronics I Auto 220B- Engine Performance	<ul style="list-style-type: none"> SkillsUSA Automotive Service Technology Ford/AAA Troubleshooting 	ASE A-1 Engine Repair A-2 Automatic Transmission/Axles A-3 Manual Drive Train & Axles A-4 Suspension & Steering A-5 Brakes A-6 Electrical/Electronic Systems A-7 Heating & Air Conditioning A-8 Engine Performance

Post-Secondary Options			
Two-Year College or Proprietary Program	Apprenticeships	Four-Year College and University Programs	Training Certificates, Licenses, On the Job Training, etc.
<p>Western Nevada College</p> <ul style="list-style-type: none"> • Associate of Applied Science • Certificate of Achievement <p>www.wnc.edu</p> <p>Truckee Meadows Community College</p> <ul style="list-style-type: none"> • Associate of Applied Science • Certificate of Achievement <p>www.tmcc.edu</p> <p>Great Basins College</p> <p>www.gbc.edu</p> <p>Community College of Southern Nevada</p> <p>www.ccsn.edu</p> <p>UTI</p> <p>WyoTech</p> <p>For more information of these programs go to</p> <p>www.uticorp.com</p> <p>www.wyotech.com</p>		<p>University of Nevada Reno</p> <ul style="list-style-type: none"> • Mechanical Engineering <p>Weber State University- Utah</p> <p>Montana State University- Northern</p> <p>For more information of these programs go to</p> <p>www.unr.edu</p> <p>www.weber.edu</p> <p>www.msunorthern.edu</p>	<p>ASE Certification</p> <p>Ford ASSET</p> <p>General Motors ASEP</p> <p>Chrysler CAP</p> <p>Toyota T-TEN</p> <p>BMW STEP</p>