

PATHWAY COURSES

Level 1

AUTOMOTIVE
TECHNOLOGY I

Level 2

AUTOMOTIVE
TECHNOLOGY II



Automotive Technology

RESOURCES

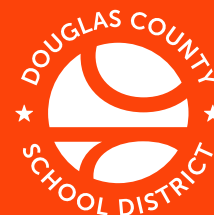


WESTERN NEVADA COLLEGE

[wnc.edu/catalog/current/
courses/auto](http://wnc.edu/catalog/current/courses/auto)

NDE - CTE

[doe.nv.gov/cte/programs/
manufacturing/](http://doe.nv.gov/cte/programs/manufacturing/)



AUTOMOTIVE TECHNOLOGY



The purpose of this program is to prepare students for postsecondary education and employment in the Automotive Technology industry. Students will receive dual credit for Douglas High School and Western Nevada College.

DOUGLAS HIGH SCHOOL
1670 HWY 88
MINDEN, NEVADA 89423
775-782-5136

LEVEL 1

AUTOMOTIVE TECHNOLOGY I

Auto 101, Introduction to General Mechanics:

This course introduces principles, design, constructions and maintenance of automobiles. Includes safety, use of manuals, selection and use of hand tools, and hand-held test instruments. Introduces general maintenance of various systems.

Auto 115, Auto Electricity & Electronics I:

This course topics include mastery of DC electricity, use of digital multimeters, troubleshooting, electrical problems in starting, charging and accessory. Prepares students for ASE certification.

LEVEL 2

AUTOMOTIVE TECHNOLOGY II

Auto 155, Steering and Suspension:

This course topics include diagnosis/service of suspension components including shocks, springs, ball joints, manual and power steering system and four wheel alignment are some areas covered. Prepares students for ASE certification.

Auto 145, Automotive Brakes: The course focus is on theory, diagnosis, and service of drum, disc, and anti-lock braking systems, brake component machining, hydraulic component reconditioning, friction and hardware replacement. Prepares students for ASE certification.

COURSE GUIDE

Our Automotive Technology I and II classes are WNC Dual Credit courses, taught by experienced WNC instructors, providing students with both high school and college credit.

AUTO 101

Introduction to General Mechanics

AUTO 115

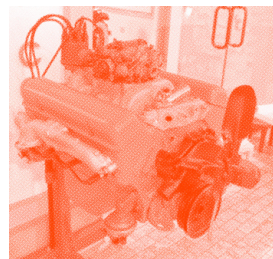
Auto Electricity & Electronics I

AUTO 155

Steering and Suspension

AUTO 145

Automotive Brakes



INDUSTRY STANDARD
TOOLS & EQUIPMENT

