

Automotive Technology

Advanced Technical Certificate

Career and Technical Program

This program is designed to prepare students for employment as entry-level technicians in the automotive repair industry. All ASE (Automotive Service Excellence) areas will be taught through the use of lecture, mock-ups, and customer vehicles. Successful completion of each semester or permission of the instructor is required for admission to the next semester. Due to the complexity of today's cars, the industry requires a high degree of reading and comprehension skills. Placement in specific English and math courses is determined by the college assessment test. Prospective students who do not meet the initial eligibility requirements for a career and technical limited-enrollment program will need to take selected courses to receive necessary skill building prior to entering the program (see page 43). The North Idaho College Automotive Technology program is NATEF certified and is taught by ASE Master Technicians.

Current industry professionals may enroll in individual courses on a space-available basis and with the instructor's permission.

Visit www.nic.edu/gainfulemployment for important information about the educational debt, earnings, and completion rates of students who attended this program.

Program Requirements

First Semester

Course No.	Title	Credit Hrs
AUTO-102	Automotive Technology Fundamentals and Safety	2
AUTO-111	Manual Drive Trains and Axles	2
AUTO-118	Electrical Systems	3
AUTO-119L	Automotive Lab I	7
MCTE-104	Technical Math for Auto/Diesel/Outdoor Power/Recreational Vehicle	3
		Semester Total 17

Second Semester

AUTO-124	Brakes, Steering and Suspension	2
AUTO-127	Engine Repair	3
AUTO-129L	Automotive Lab II	7
ECTE-100	Fundamentals for Writing	3
or ENGL-101	English Composition	(3)
		Semester Total 15

Third Semester

A TEC-117	Occupational Relations and Job Search ¹	2
AUTO-231	Engine Performance I	3
AUTO-233	Electrical Systems II and HVAC	2
AUTO-235L	Advanced Automotive Lab III	7
		Semester Total 14

Fourth Semester

AUTO-241	Automatic Transmissions/Transaxles	3
AUTO-243	Engine Performance II	2
AUTO-245L	Advanced Automotive Lab IV	7
		Semester Total 12
		Program Total 58

Notes:

- ¹ Students may substitute another course with written permission of instructor and division chair.