

# Automotive Technology

## Intermediate 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](http://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
A TEC-117	Occupational Relations and Job Search <sup>1</sup>	2
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
		<b>Semester Total 19</b>

#### 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)
		<b>Semester Total 15</b>
		<b>Program Total 34</b>

#### Notes:

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