

AUTOMOTIVE LIGHT SERVICE TECHNICIAN CERTIFICATE

Automotive light service technicians conduct basic repairs and maintenance on automobiles and light truck systems. They employ high-tech skills and use computerized equipment and traditional tools to complete routine service work and diagnostic tests. Students in this certificate program of study are prepared for jobs such as lube technicians, brake and alignment technicians, and tire technicians by gaining the knowledge and skills needed to perform work on a variety of systems such as brakes, tires, electrical systems, steering and suspensions, and drive trains.

(Enrollment into this program is limited to and is based on the date of application.)

All coursework in the Automotive Light Service Technician Certificate program will apply as full credit toward the Automotive Technology Associate of Applied Science Degree, the Associate of Arts Degree, or the Associate of Science Degree.

Required Program of Study for Certificate (16 weeks)

FALL SEMESTER	
Course	Credits
AUTT 1010 Suspension, Steering and Brake Systems Theory	2.5
AUTT 1015 Suspension, Steering and Brake Systems Lab	3.5
AUTT 1110 Electrical Systems Theory	2.5
AUTT 1125 Electrical Systems Lab	3.5
WELD 1010 Related Welding	0.5
WELD 1020 Related Welding Lab	1
MATH 1020 Technical Mathematics I	3
Total Credit Hours	16.5

AUTOMOTIVE TECHNOLOGY DIPLOMA

Successful completion of the freshman year of the Automotive Technology Associate of Applied Science Degree program and the Summer Cooperative Internship I. All coursework in the Automotive Technology Diploma program will apply as full credit towards the Automotive Technology Associate of Applied Science Degree, the Associate of Arts Degree, or the Associate of Science Degree.

(Enrollment into this program is limited to and is based on the date of application.)

The Automotive Technology program is accredited through the National Automotive Technicians Education Foundation: ASE Education Foundation

1503 Edwards Ferry Rd., NE Suite 401 | Leesburg, VA 20176

Phone: (703) 669-6650 | www.aseeducationfoundation.org/program-accreditation



Required Program of Study for Diploma (1 year)

FALL SEMESTER		SPRING SEMESTER	
Course	Credits	Course	Credits
AUTT 1010 Suspension, Steering and Brake Systems Theory	2.5	AUTT 1210 Electrical Tune-up and Fuel Systems Theory	2.5
AUTT 1015 Suspension, Steering, and Brake Systems Lab	3.5	AUTT 1225 Electrical Tune-up and Fuel Systems Lab	3.5
AUTT 1110 Electrical System Theory	2.5	AUTT 1310 Automotive Electronics Theory	2.5
AUTT 1125 Electrical System Lab	3.5	AUTT 1325 Automotive Electronics Lab	3.5
CAPL 1290 Intro to Job Search and Employment	1	ENGL 1050 Workplace Communication	3
MATH 1020 Technical Mathematics I	3		15
WELD 1010 Related Welding	0.5		
WELD 1020 Related Welding Lab	1		
	17.5		
		SUMMER	
		Course	Credits
		AUTT 1300 Cooperative Internship I	6
			6
		Total Credit Hours	38.5

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