

CERTIFICATE OF ACHIEVEMENT

This program prepares students for entry level careers as maintenance and light repair technicians. Students completing this Certificate will be able to repair battery, starting, charging and electrical system malfunctions, brake, steering, suspension and air conditioning systems, and perform engine mechanical diagnosis and maintenance related engine service. Students will be knowledgeable and proficient in safe operating procedures in the lab, in the use of hand and power tools, DVOM's scan tools, electronic service information systems, and in general knowledge of the automotive industry. Students will be knowledgeable in special maintenance techniques relating to alternative fueled and hybrid electric vehicles. Students will also be qualified to obtain a Nevada Class 1G smog inspector licensure.

STUDENT LEARNING OUTCOMES - Graduates of this program will have the opportunity to:

- The student will understand, identify and implement safe working procedures and successfully pass the SP/2 examinations.
- The student will obtain a Nevada Class 1G smog certification.
- The student will successfully pass the ASE/NATEF End of Program (EOP) exams or the ASE Certification exams in the following areas: Electrical, Engine Repair, Brakes, Suspension, Heating and Air Conditioning.

GENERAL EDUCATION REQUIREMENTS (3 Credits):

	CR	SEMESTER
COMMUNICATIONS: BUS 108, COM 101, 102, 215, ENG 100, 101, 102, 107, 113, 114, 205, JOUR 102, THTR 105	3-5	_____

SPECIAL PROGRAM REQUIREMENTS (31 Credits):

	CR	SEMESTER
AUTO 105B Automotive Maintenance I	4	_____
AUTO 115B Automotive Electricity and Electronics I	4	_____
AUTO 117B Advanced Automotive Electronics	4	_____
AUTO 136B Engine Repair	5	_____
AUTO 145B Automotive Brakes	4	_____
AUTO 155B Steering and Suspension	4	_____
AUTO 165B Automotive Heating and Air Conditioning	4	_____
AUTO 240B Nevada 1G Emission Inspection Preparation	2	_____

Computation included in AUTO 115B

Human Relations included in AUTO 115B

NOTE: Courses with a B suffix (example - XYZ 123B) may be non-transferable for a NSHE baccalaureate degree. AUTOMAINCT

34
Total Credits

Students may elect to graduate using the degree requirements in effect at the time of matriculation, or when they declared or changed major or the current catalog. If a program is official after a student has matriculated, the student may choose the degree requirements of the new program. In no case may a student use a catalog which is more than six years old at the time of graduation.

Guided Pathway
Certificate of Achievement – (CA)
AUTO MAINTENANCE AND LIGHT REPAIR
Total Credits 34

First Semester	Requirement	Credit Hours	Term
BUS 108	Communications	3	
AUTO 105B	Automotive Maintenance I	4	
AUTO 115B	Automotive Electricity/Electronics I	4	
AUTO 117B	Advanced Automotive Electronics	4	
	TOTAL	15	
Second Semester	Requirement	Credit Hours	Term
AUTO 136B	Engine Repair	5	
AUTO 145B	Automotive Brakes	4	
AUTO 165B	Automotive Heating/Air Conditioning	4	
	TOTAL	13	
Third Semester	Requirement	Credit Hours	Term
AUTO 155B	Steering/Suspension	4	
AUTO 240B	NV 1G Emission Inspection Preparation	2	
	TOTAL	6	
	Certificate TOTAL	34	