

ASSOCIATE OF APPLIED SCIENCE PROGRAMS

TECHNOLOGY - AUTOMOTIVE MECHANICS

This program offers students an opportunity to acquire the necessary skills and technical theory for a successful career as an automotive mechanic. Individuals who are now employed in the automotive mechanics field will be able to upgrade their knowledge. Students obtaining this associate degree will have completed courses of a very technical nature, chosen to complement each other and provide breadth and depth of diagnostic and repair skill abilities necessary to work in a service facility.

Mission:

The mission of the Associate of Applied Science in Automotive Mechanics is to provide employment-related knowledge and skills necessary to succeed as a professional in a chosen field of study.

Student Learning Outcomes:

Students who complete an Associate of Applied Science in Automotive Mechanics are expected to:

- Know the subject matter appropriate to the emphasis of the degree. (WNC SLO 1,3,6,7)
- Communicate effectively and appropriately, in oral and written form. (WNC SLO 2)
- Locate, evaluate and properly utilize the tools and resources appropriate to a technology degree professional. (WNC SLO 1,6,7)
- Acquire skills and perform tasks necessary for employment or career enhancement. (WNC SLO 1,7)
- Developed an appreciation of the importance of social, ethical, legal and diversity issues. (WNC SLO 5,7)
- Developed an appreciation of the need and importance of lifelong learning. (WNC SLO 1)

Required Courses

Total Requirements		60 Units
Program Requirements		36 Units
AUTO 101	Introduction to General Mechanics	3
AUTO 115	Auto Electricity & Electronics I	4
AUTO 117	Advanced Auto Electronics	4
AUTO 130	Engine Reconditioning	3
AUTO 145	Automotive Brakes	4
AUTO 155	Steering & Suspension	4
AUTO 160	Auto Air Conditioning and Heating	3
AUTO 210	Automatic Transmissions & Transaxles I	3
AUTO 225	Engine Performance I/Fuel & Ignition	4
AUTO 227	Engine Performance II/Emission Control	4
General Education Requirements		24 Units
English/Communications Requirement: <i>Recommend BUS 107 & 108; Must include a writing course</i>		6
Human Relations Requirement <i>Recommend: BUS 110</i>		3
Humanities/Social Science Requirement		3
Mathematics Requirement: <i>Recommend MATH 110</i>		3
Science Requirement		6
U.S. and Nevada Constitution Requirement		3

Please see the [Associate of Applied Science](#) page for a list of all courses filling general education requirements.

Suggested Course Sequence

First Semester	Units	Third Semester	Units
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Associate of Applied Science Programs

AUTO 101	3	AUTO 155	4
AUTO 115	4	AUTO 160	3
AUTO 130	3	AUTO 227	4
BUS 107	3	Science	3
Mathematics	3		
Second Semester	Units	Fourth Semester	Units
AUTO 117	4	AUTO 210	3
AUTO 145	4	BUS 108	3
AUTO 225	4	BUS 110 or Human Relations	3
Humanities/Social Science	3	Science	3
		U.S./NV Constitution	3