

Automotive Technology (A.A.S.) College Based

Curriculum Code: 0524

Semester Hours Required for Graduation: 72

This program trains students in the repair of the modern vehicle without focusing on one specific manufacturer. It is a general program that allows graduates the opportunity to work at specific dealerships, independent repair centers, or fleet repair facilities.

ACADEMIC PREPARATION:

12th-grade reading is required. (A score of 80 or higher on the placement exam is required.)

Competency in Elementary Algebra is required. College-level proficiency on Math Placement Examination.

LIBERAL ARTS REQUIREMENTS

24 Semester Hours

EN 101	Composition	3
EN 102	Composition and Literature	3
HE 201	First Aid and Safety	3
HU ELE	Humanities Elective	3
MA 108	Technical Mathematics	3
PX 110	Technical Physics	3
SL ELE	Social Science Electives	6

PROGRAM REQUIREMENTS

48 Semester Hours

AU 117	Gas and Diesel Engines	4
AU 128	Introduction to Automotive Repair	4
AU 129	Basic Heating, Ventilation and Air Conditioning (HVAC)	3
AU 130	Basic Steering, Suspension and Brakes	4
AU 131	Work Study I	2
AU 132	Electricity and Electronics	4
AU 134	Engine Performance	6
AU 203	Advanced Automotive Operations	4
AU 211	Manual Transmissions and Drivelines	4
AU 212	Automotive Diagnostics	4
AU 213	Automotive Transmissions and Transaxles	4
AU 215	Body Electrical and Electronics	3
AU 231	Work Study II	2
Grand Total		72

Automotive Technology (A.A.S.) College Based

SUGGESTED PROGRAM SEQUENCE

1st Semester

AU 128	Introduction to Automotive Repair	4
AU 129	Basic Heating, Ventilation and Air Conditioning	3
AU 130	Basic Steering, Suspension and Brakes	4
AU 132	Electricity and Electronics	4
EN 101	Composition	3
Total		18

2nd Semester

AU 117	Gas and Diesel Engines	4
AU 134	Engine Performance	6
AU 203	Advanced Automotive Operations	4
HE 201	First Aid and Safety	3
Total		17

Summer

AU 131	Work Study I	2
--------	--------------	---

3rd Semester

AU 211	Manual Transmissions and Drivelines	4
AU 215	Body Electrical and Electronics	3
EN 102	Composition and Literature	3
MA 108	Technical Mathematics	3
SL ELE	Social Science Elective	3
Total		16

4th Semester

AU 212	Automotive Diagnostics	4
AU 213	Automatic Transmissions and Transaxles	4
HU ELE	Humanities Elective	3
PX 110	Technical Physics	3
SL ELE	Social Sciences Elective	3
Total		17

Summer

AU 231	Work Study II	2
--------	---------------	---

Career Opportunities: Dealership technician, repair shop owner, automotive component re-builder, parts department manager, service equipment representative, fleet technician.