

# AUTOMOTIVE TECHNOLOGY

# [AAS] RECOMMENDED COURSE SEQUENCING

## First

Semester [Fall I]

- AT 100 Intro to Automotive Electronics [4 Credits]
- COMM 1130 Public Speaking **OR** COMM 2120 Interpersonal Communication [3 Credits]
- ENGL 1110 English Composition I [3 Credits]
- MATH 1130 Survey of Mathematics [3 Credits]

TOTAL SEMESTER HOURS: 13

## Second

Semester [Spring I]

- AT 111 Engine Repair Theory [3 Credits]
- AT 111L Engine Repair Lab. [3 Credits]
- AT 112 Auto Trans/Transaxle Theory [3 Credits]
- AT 112L Auto Trans/Transaxle Lab [2 Credits]
- AT 121 Engine Repair Diagnostics [2 Credits]
- AT 122 Electronic Trans Diagnostics [1 Credits]
- Social & Behavioral Science [3 Credits]

TOTAL SEMESTER HOURS: 16

## Third

Semester [Summer]

- AT 113 Manual Trans Theory [2 Credits]
- AT 113L Manual Trans Lab [1 Credits]
- AT 217 Auto HVAC Theory [2 Credits]
- AT 217L Auto HVAC Lab [1 Credits]
- Humanities **OR** Arts [3 Credits]

TOTAL SEMESTER HOURS: 7

## Fourth

Semester [Fall II]

- AT 114 Suspension & Steering Theory [3 Credits]
- AT 114L Suspension & Steering Lab [2 Credits]
- AT 115 Brake Systems Theory [3 Credits]
- AT 115L Brake Systems Lab [2 Credits]
- AT 124 Fund Electronic Steering Sys [2 Credits]
- AT 125 Fundamentals of ABS [2 Credits]
- AT 120 Welding for Automotive Tech [2 Credits]

TOTAL SEMESTER HOURS: 16

## Fifth

Semester [Spring II]

- AT 216 Auto Electronics Theory [3 Credits]
- AT 216L Auto Electronics Lab [2 Credits]
- AT 218 Engine Performance Theory [6 Credits]
- AT 218L Engine Performance Lab [4 Credits]

TOTAL SEMESTER HOURS: 15

TOTAL CREDITS REQUIRED: 69

AT classes are taught on a rotating block schedule system. Fall and Spring terms may be taught in different terms than shown here.