



Program: Automotive Service Technology
Associate of Applied Science

Campus: Trinidad Main Campus (TMC), Trinidad Alamosa Campus (TAC)
 Program Code: AAS_ATC
 CIP Code: 47.0604



SMART PATH

First Semester

Course Code	Course Name	Credit Hours
MAT 107, 120, or 135	Career Math, Mathematics for Liberal Arts: GT-MA1 or Introduction to Statistics: GT-MA1	3
ASE 102	Introduction to the Automotive Shop	2
ASE 110	Brakes I	2
ASE 111	Automotive Brake Service II	2
ASE 120	Basic Automotive Electricity	2
ASE 122	Automotive Elective Safety Systems	1
ASE 123	Starting and Charging System	2
ASE 210	Automotive Power and ABS Brake Systems	2
ASE 221	Automotive and Diesel Body Electrical	4
	Total	20

Second Semester

Course Code	Course Name	Credit Hours
ENG 115 or ENG 121	Technical Writing and Communication or English Composition I: GT-CO1	3
ASE 130	General Engine Diagnosis	2
ASE 132	Ignition Systems Diagnosis & Repair	2
ASE 140	Suspension and Steering I	2
ASE 141	Suspension and Steering II	2
ASE 160	Automotive Engine Repair	2
ASE 162	Automotive Engine Service	2
ASE 240	Suspension and Steering III	2
	Total	17

Automotive Service Technology Associate of Applied Science (continued)

Third Semester

Course Code	Course Name	Credit Hours
COM 115 or 125	Public Speaking or Interpersonal Communications	3
AH1, AH2, AH3, AH4 or SS1, SS2, SS3 or SC1, SC2	AST 101, HIS 121, ECO 202, ART 111, SCI 105	3
ASE 150	Manual Drive Train and Axle Maintenance	2
ASE 151	Automotive Manual Transmission/Transaxles & Clutches	2
ASE 152	Automotive Manual Transmission/Transaxles & Clutches II	2
ASE 250	Automatic Transmission/Transaxle Service I	1
ASE 251	Automotive Transmission and Transaxle Repair	3
	Total	16

Fourth Semester

Course Code	Course Name	Credit Hours
AH1, AH2, AH3, AH4 or SS1, SS2, SS3 or SC1, SC2	AGY 240, BIO 105, GEO 105, HIS 122, MUS 120, SOC 101	3
ASE 134	Automotive Fuel and Emission Systems I	2
ASE 231	Automotive Computers and Ignition Systems	2
ASE 233	Automotive Fuel and Emission Systems II	4
ASE 264	Introduction to Automotive Heating and Air Conditioning	1
ASE 265	Heating and Air Conditioning Systems	4
	Total	16

TOTAL: 69 credits