

Automotive Technology

Automotive Technology Associate in Applied Science

Mission Statement:

The Automotive Technology Associate in Applied Science degree (Automotive Service Training Program (ASTP)) is a two-year associate degree program designed to prepare students to become proficient, entry-level automotive technicians. The program is certified by The National Automotive Technicians Education Foundation (NATEF). Graduates are encouraged to take the Automotive Service Excellence (ASE) exam in all eight areas of study after completion of the program. This program prepares graduates for employment in automotive dealerships and service centers.

Entrance Requirements:

Acceptable placement test score(s), plus high school diploma or equivalent

Type of Program:

Day

Professional Credential:

Automotive Service Excellence Technician (subject to passing exam)

Employment Opportunities:

Automotive service technician with a dealer or independent service organization

- This program trains students in the testing, diagnosis, and servicing of motor vehicles.

Recommended Program Schedule

First Semester - Fall

AUT	122	Suspension and Alignment	4.0
AUT	132	Automotive Electricity	4.0
AUT	159	Tools, Equipment and Reference Manuals	3.0
COL	205	Leadership Seminar	3.0

Second Semester - Spring

AUT	103	Engine Reconditioning	4.0
AUT	112	Braking Systems	4.0
AUT	231	Automotive Electronics	4.0
MAT	170	Algebra, Geometry and Trigonometry	3.0

Third Semester - Summer

AUT	149	Ignition and Fuel Systems	4.0
AUT	157	Shop Management and Supervision	3.0
AUT	241	Automotive Air Conditioning	4.0
ENG	165	Professional Communications	3.0

Fourth Semester - Fall

AUT	116	Manual Transmission and Axle	4.0
AUT	232	Automotive Accessories	2.0
AUT	247	Electronic Fuel Systems	4.0
HSS	105	Technology and Culture	3.0
		General Education Elective	3.0

Fifth Semester - Spring

AUT	107	Advanced Engine Repair	4.0
AUT	152	Automatic Transmission Overhaul	4.0
AUT	268	Special Topics in Automotive	3.0
		or	
CWE	113	Cooperative Work Experience I	
PSY	103	Human Relations	3.0

Total Required Credit Hours: 73.0

*General education course

Visit <https://www.gvltec.edu/gainful-employment/> for important information about the educational debt, earnings and graduation rates of students who attended programs.