

# Automotive Technology Specializations

The Automotive Technology Associate in Applied Science degree also allows students to select one of the following two specializations:

- **General Motors Automotive Service Educational Program (ASEP)**
- **Honda/Acura Professional Automotive Career Training (PACT)**

**NOTE: Students will be awarded one degree: Automotive Technology Associate in Applied Science**

## General Motors Automotive Service Educational Program (ASEP)

- This specialization trains students in the testing, diagnosis, and servicing of General Motors motor vehicles and prepares graduates for employment in a GM dealership or participating AC Delco repair facility.
- Students must complete a cooperative work experience (co-op) course each semester with a GM dealership or an approved AC Delco repair facility. \*\*
- This is the only General Motors Automotive Service Educational Program in South Carolina.
- **Specialization Entrance Requirements:**
  - Acceptable placement test score(s), plus high school diploma or equivalent.
  - Student must be placed in an ASEP approved co-op upon program entry.
  - Student must pass drug test for employer and have a good driving record.
  - Student must interview with the program director.

### Recommended Program Schedule for ASEP Specialization

#### **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
CWE	111	Cooperative Work Experience I **	1.0

#### **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
CWE	121	Cooperative Work Experience II **	1.0

#### **Third Semester - Summer**

AUT	152	Automatic Transmission Overhaul	4.0
AUT	241	Automotive Air Conditioning	4.0
ENG	165	Professional Communications*	3.0
CWE	131	Cooperative Work Experience III **	1.0

#### **Fourth Semester - Fall**

AUT	116	Manual Transmission and Axle	4.0
AUT	149	Ignition and Fuel Systems	4.0
AUT	252	Advanced Automatic Transmission	4.0
HSS	105	Technology and Culture*	3.0
CWE	211	Cooperative Work Experience IV **	1.0

**Fifth Semester - Spring**

AUT	107	Advanced Engine Repair	4.0
AUT	232	Automotive Accessories	2.0
AUT	247	Electronic Fuel Systems	4.0
PSY	103	Human Relations*	3.0
CWE	221	Cooperative Work Experience V **	1.0
		General Education Elective*	3.0

**Total credit hours****76.0**

\*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.