

Automotive Technology General Motors Automotive Service Educational Program (ASEP) Associate in Industrial Technology

Entrance Requirements:

Acceptable ASSET or COMPASS score

Type of Program:

Day

Type of Degree:

Associate degree

Professional Credentials:

ASE Automotive Service Excellence Technician
(subject to passing exam)

Employment Opportunities:

Automotive technician at General Motors
dealerships

- This program trains students in the testing, diagnosis, and servicing of General Motors motor vehicles.
- This is the only General Motors Automotive Service Educational Program in South Carolina.
- To graduate with an associate degree, candidates must meet the computer competency requirement by taking CPT 101 (EGR 130 may be substituted with departmental approval) or by passing the exemption exam at a cost to be assessed by the college.

Recommended Program Schedule***First Semester – Fall***

AUT 101	Engine Fundamentals	3.0
AUT 132	Automotive Electricity	4.0
AUT 135	Ignition Systems	3.0
AUT 147	Fuel Systems	4.0
CWE 111	Co-op Work Experience I	1.0
ENG 165	Professional Communications*	3.0

Second Semester – Spring

AUT 103	Engine Reconditioning	4.0
AUT 115	Manual Drive Train/Axle	3.0
AUT 247	Electronic Fuel Systems	4.0
CWE 121	Co-op Work Experience II	1.0
HSS 105	Technology & Culture*	3.0

Third Semester – Summer

AUT 111	Brakes	3.0
AUT 121	Suspension & Steering	3.0
AUT 152	Automatic Transmission	4.0
AUT 241	Automotive Air Conditioning	4.0
CWE 131	Co-op Work Experience III	1.0

MAT 170	Algebra, Geometry, & Trigonometry I*	3.0
---------	---	-----

Fourth Semester – Fall

AUT 211	Advanced Brakes	3.0
AUT 221	Suspension & Steering Diagnosis	3.0
AUT 252	Advanced Automatic Transmission	4.0
CWE 211	Co-op Work Experience IV	1.0
PHS 111	Conceptual Physics I*	3.0

Fifth Semester – Spring

AUT 110	Introduction to Automotive Welding	3.0
AUT 242	Electronic Climate Controls	4.0
AUT 262	Advanced Automotive Diagnosis and Repair	4.0
CWE 221	Co-op Work Experience V	1.0
PSY 103	Human Relations*	3.0

Total credit hours		80.0
---------------------------	--	-------------

*General Education course