AUTOMOTIVE TECHNOLOGY - GENERAL MOTORS ASEP, Associate in Applied Science Degree - 4570

Transportation and Fire Science Department
CIP Code: 47.0604

ATTENTION: At this time, the College is not accepting new students into the Automotive Technology – General Motors (ASEP) AAS degree. Interested students should select the (#4480) Automotive Technology AAS degree, which includes courses that help students prepare for work in this field.

The General Motors' Automotive Service Educational Program (ASEP) prepares students as state-of-the-art technicians for GM dealerships. Constantly changing technology in new automobiles demands highly skilled and trained service technicians. Students utilize current General Motors products and components along with the latest diagnostic equipment and servicing procedures. ASEP graduates receive GM training credit up to 85% of current requirements. Students are able to complete the PA State Safety Inspector and Emission Inspector certifications. In addition, courses in oral and written communication, as well as in the social and natural/physical science areas, help to supplement their studies by providing students with critical and creative thinking skills that may enhance their career opportunities. This program is accredited by the Automotive Service Excellence (ASE) Education Foundation in eight categories of automotive repair. This program may be completed at the Harrisburg Campus through on-campus/in-person instruction.

Selective Program: Entry into this program is not guaranteed with admission to the College. Specific admissions criteria must be met, such as a passing grade on the mechanical aptitude test, and the possession of a valid PA Driver's license. Please contact the Faculty Program Supervisor to schedule an appointment to review all of the entrance requirements.

Career Opportunities
GM-ASEP training, along with practical work experience and guidance, enables graduates to become factory-certified GM technicians. Other career opportunities such as service advisor, warranty administrator, shop foreperson, or service manager can also be pursued.

Competency Profile
This curriculum is designed to prepare students to:

- Work as a factory-certified GM technician in a General Motors dealership or an A/C Delco repair facility
- Perform service and repair General Motors ICE and EV vehicles
- Complete the Automotive Service Excellence (ASE) examinations
- Complete the Pennsylvania State Emissions Inspector and Safety Inspection License examinations
- Complete Forklift Certification

PROGRAM REQUIREMENTS (TOTAL CREDITS = 67.5)

General Education		Major Requirements		Other Required Courses	
COMM 101 Effective Speaking	3	AGM 101 GM Automotive Fundamentals	3	AUTO 110 PennDOT Safety & Emissions Inspection Certification	1.5
ENGL 110 Foundations of Professional Writing	3	AGM 103 GM Automotive Powerplants	3	WELD 111 Welding Fundamentals	3
First-Year Seminar Elective	1	AGM 105 GM Automatic Electrical Fundamentals/Electronics I	3		**4.5**
Humanities & Arts Core Elective - ***HUM 101***	3	AGM 151 GM Automotive Braking Systems	3		
Math **or** Science Core Elective - ***PHSC 113***	3	AGM 153 GM Automotive Steering and Suspension Systems	3		
Social & Behavioral Science Core Elective - ***SOCI 201***	3	AGM 159 GM Automotive Heating/Air-Conditioning Systems	3		
Wellness Elective	1	AGM 162 GM Emission, Fuel and Ignition Systems	3		
	17	AGM 191 GM Cooperative Work Experience I	1		
		AGM 192 GM Cooperative Work Experience II	1		
		AGM 203 GM Manual Transmissions/Drivelines	3		
		AGM 205 GM Automotive Electrical Fundamentals/Electronics II	3		
		AGM 207 GM Powertrain Management Systems	3		
		AGM 251 GM Dealership Operations	2		
		AGM 253 GM Automatic Transmissions/Transaxles	3		
		AGM 255 GM Advanced Automotive Electronics	3		

AGM 262 GM Electric Powered Vehicles	4
AGM 291A GM Cooperative Work Experience III	1
AGM 292A GM Cooperative Work Experience IV	1
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RECOMMENDED SEQUENCE FOR FULL-TIME STUDENTS

Part-time students can complete this program by taking one or more courses each semester.

Fall Semester I		**Spring Semester I**		**Summer I**		**Fall Semester II**		**Spring Semester II**	
AGM 101	3	AGM 103	3	AGM 203	3	AGM 207	3	AGM 251	2
AGM 105	3	AGM 159	3	SOCI 201	3	AGM 253	3	AGM 262	4
AGM 151	3	AGM 162	3	WELD 111	3	AGM 255	3	AGM 292A	1
AGM 153	3	AGM 192	1	Wellness Elective	1	AGM 291A	1	ENGL 110	3
AGM 191	1	AGM 205	3			COMM 101	3	HUM 101	3
FYS Elective	1	AUTO 110	1.5						
		PHSC 113	3						