

GENERAL MOTORS TECHNICIAN TRAINEE II, Diploma - 0670

Transportation & Fire Science Department

CIP Code: 47.0604

The General Motors Technician Trainee II diploma is designed as an apprenticeship-type curriculum to allow graduates of the General Motors Technician Trainee I certificate to further their knowledge and skill development in the areas of powertrains and control systems. This diploma stacks upon the General Motors Technician Trainee I certificate and presents students with upper level General Motors automotive courses in transmissions, drivelines, powertrain controls and electronic systems. Graduates of the diploma are well-prepared to work on today's high technology vehicles. This program is accredited in eight categories of automotive repair by the Automotive Service Excellence (ASE) Education Foundation. This diploma can 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 a 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

The General Motors Technician Trainee II diploma, along with practical work experience and guidance, enables graduates to become Certified General Motors Technicians. Upon completion of both the GM Technician Trainee certificate and diploma, graduates are prepared to perform diagnosis, programming and powertrain repairs on General Motors vehicles, as well as have completed approximately 90 percent of GM Technician Training required for Master Technician Certification. Graduates may also choose to continue their studies by enrolling in HACC's Automotive Technology GM (ASEP) AAS Degree to complete their associates degree. **(SOC Code: 49.3023 Automotive Service Technicians and Mechanics)**

Competency Profile

This curriculum is designed to prepare students to:

- Work as a factory-trained Automotive Technician at a General Motors dealership or an AC/Delco independent shop
- Perform diagnostics, programming and Powertrain Systems repairs on General Motors vehicles
- Complete Automotive Service Excellence (ASE) Certification Exams

PROGRAM REQUIREMENTS (TOTAL CREDITS = 16)

General Education	Major Requirements	Other Required Courses
	AGM 203 GM Manual Transmission & Drivelines	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 291A GM Cooperative Work Experience III	1
	AGM 292A GM Cooperative Work Experience IV	1
		16

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
AGM 203 3	AGM 251 2
AGM 207 3	AGM 253 3
AGM 255 3	AGM 292A 1
AGM 291A 1	