

## ADVANCED AUTOMOTIVE SPECIALTY SKILLS, Diploma - 0660

*Transportation & Fire Science*

CIP Code: 47.0604

The Advanced Automotive Specialty Skills diploma is designed to allow graduates of HACC's Automotive Technology certificate to further their learning and skill development in the areas of powertrains and control systems. This diploma stacks on top of the Automotive Technology Certificate and presents students with upper level automotive courses in transmissions, drivelines, powertrain controls and electronic systems. Graduates of this diploma program are then well-prepared to work on today's high technology vehicles. This program is accredited by the Automotive Service Excellence (ASE) Foundation in eight categories of automotive repair. This diploma may be completed at the Harrisburg Campus through on-campus/in-person instruction.

### *Career Opportunities*

Graduates are prepared for employment as service technicians and may also enhance their advancement opportunities by enrolling in HACC's Automotive Technology AAS degree program. (**SOC Code: 49.3023 Automotive Service Technicians and Mechanics**)

### *Competency Profile*

This curriculum is designed to prepare students to:

- Complete the Pennsylvania State Emissions Inspector and Safety Inspection License examinations
- Work as service technicians in automotive repair facilities or dealerships

### **PROGRAM REQUIREMENTS (TOTAL CREDITS = 17)**

General Education	Major Requirements	Other Required Courses
	AUTO 157 Engine Performance Testing	3
	AUTO 203 Manual Transmission/Drivelines	3
	AUTO 207 Powertrain Management Systems	3
	AUTO 251 Service Department Management	2
	AUTO 253 Automatic Transmission/Transaxles	3
	AUTO 255 Advanced Electrical/Electronics	3
		<b>17</b>

### **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	
AUTO 157	3	AUTO 207	3
AUTO 203	3	AUTO 251	2
AUTO 255	3	AUTO 253	3