



**AAS 4480 Automotive Technology**  
**Effective Fall 2018**

**63 Credits**

*This is an overview of the program. Any suggested course sequencing is meant to serve as a guideline for your semester planning. Students are expected to see your assigned advisor to develop and review their individual educational plans. The scheduling of courses, program sequencing and curriculum are subject to change.*

**Developmental Courses (as determined through College Placement Testing)\* and Prerequisites:**

*\* Zero level courses must be completed with a C grade or higher.*

<input type="checkbox"/>	ESL classes	<input type="checkbox"/>	Engl 050	<input type="checkbox"/>	Math 006	<input type="checkbox"/>	Math 033		
<input type="checkbox"/>	Engl 002	<input type="checkbox"/>	Engl 051	<input type="checkbox"/>	Math 090		(for PHSC 113)		
<input type="checkbox"/>	Engl 003	<input type="checkbox"/>	Engl 057	<input type="checkbox"/>	Math 008				
<input type="checkbox"/>	Engl 007			<input type="checkbox"/>	Math 022				
<input type="checkbox"/>	FS 100/103								

\*See counselor/advisor to discuss this course or options to self-remediate and successfully place into higher- or college-level course.

**General Education Courses**

<b>ENGL 110</b>	3cr	Prerequisites: ENGL 051 and ENGL 003 or ENGL 057 with C or higher
<b>COMM 101</b>	3cr	Prerequisites: ENGL 051 and ENGL 003 or ENGL 057 with C or higher
<b>HUM &amp; ARTS</b>	3cr	Choose ONE from the list: ART 181 or 182; ENGL 206; HUM 101, 115 or 201; MUS 104; PHIL 200; THTR 101; or a foreign language course.
<b>Social/Behavioral SCIENCE</b>	3cr	Rec. SOCI 201
<b>MATH or SCIENCE</b>	3cr	Rec. PHSC 113
<b>WELLNESS</b>	1cr	Any Wellness
<b>FIRST YEAR SEMINAR</b>	1cr	Unless exempted by exam. See HACC catalog for a list of approved courses.

**Required Program Courses**

<b>AUTO 101</b>	3cr	Automotive Fundamentals	Prerequisites: None
<b>AUTO 103</b>	3cr	Automotive Powerplants	Prerequisites: AUTO 101
<b>AUTO 105</b>	3cr	Fundamentals of Electricity/Electronics	Prerequisite/Corequisite: AUTO 101
<b>AUTO 107</b>	3cr	Fuel & Emission Control Systems	Prerequisites: AUTO 101
<b>AUTO 151</b>	3cr	Braking Systems	Prerequisite/Corequisite: AUTO 101
<b>AUTO 153</b>	3cr	Suspension Systems	Prerequisite/Corequisite: AUTO 101
<b>AUTO 157</b>	3cr	Engine Performance Testing	Prerequisites: AUTO 107
<b>AUTO 159</b>	3cr	Automotive Heating and AC Systems	Prerequisites: AUTO 105
<b>AUTO 191</b>	2cr	Cooperative Work Experience	Prerequisites: AUTO 101, 105, 107, 151, 153
<b>AUTO 203</b>	3cr	Manual Transmissions/Drivelines	Prerequisites: AUTO 101
<b>AUTO 205</b>	3cr	Intermediate Automotive Electrical/Electronics	Prerequisites: AUTO 105
<b>AUTO 207</b>	3cr	Powertrain Management Systems	Prerequisites: AUTO 157
<b>AUTO 251</b>	2cr	Service Department Management	Prerequisites: AUTO 101
<b>AUTO 253</b>	3cr	Automatic Transmissions/Transaxles	Prerequisite/Corequisite: AUTO 205
<b>AUTO 255</b>	3cr	Advanced Elec./Electronics	Prerequisites: AUTO 205
<b>WELD 111</b>	3cr	Welding Applications	Prerequisites: None

**Advising Notes**

1. Program is restricted for only Auto Technology students.
2. Admission to this program depends upon successful completion of a mechanical aptitude test. Students cannot register for any AUTO courses until they pass the aptitude test. Please contact LuAnn Gallup at 717-780-2411 to schedule the aptitude test. Once the aptitude test is complete, students must then meet with the program coordinator, Jeff Gieniec: [jlgienie@hacc.edu](mailto:jlgienie@hacc.edu) , 717-780-2448. Enrollment in Auto courses can only take place once these steps are completed.
3. Most AUTO courses are offered in seven to fourteen week block schedules and the program is offered in both the daytime and evening. Most students begin program classes in the Fall semester.

**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		Fall Semester II		Spring Semester II	
ENGL 110	3	AUTO 103	3	AUTO 157	3	AGM/AUTO 251	2
FYS Elec.	1	AUTO 107	3	AUTO 203	3	AUTO 253	3
AUTO 101	3	AUTO 159	3	AUTO 207	3	COMM 101	3
AUTO 105	3	AUTO 205	3	AUTO 255	3	SOC/BEHAV SCI ELEC	3
AUTO 151	3	MATH or SCI ELEC	3	HUM & ARTS ELEC	3	WELD 111	3
AUTO 153	3	<b>Summer Semester I</b>		WELLNESS	1		
		AUTO 191	2				

\* The Cooperative experience (AUTO 191) can be taken any semester after the completion of AUTO 101,103,105,107,151, and 153.

**Counselor/Advisor Contact Information by Campus:**

<u>Gettysburg</u>	<u>Harrisburg</u>	<u>Lancaster</u>	<u>Lebanon</u>	<u>York</u>
Student Services	Counseling and Advising	Counseling and Advising	Receptionist Desk	Counseling and Advising
Lobby	Cooper 219	221 Main	Lobby	Leader Suite 104
717-337-3855	717-780-2498	717-358-2988	717-270-4222	717-801-3213