

## Program Curriculum for Automotive Technology

<u>Se m.</u>	<u>Dept.</u>	<u>Course #</u>	<u>Course Title</u>	<u>Course_Cre dits</u>	<u>General Education_Cre dits</u>	<u>Program_Cre dits</u>
1	AT	106	Automotive Service Fundamentals	2		
1	AT	111	Internal Combustion Engine Service	4		
1	AT	116	Chassis Service/Steering & Suspension	3		9
1	MATH	126	Technical Math I -or-	3		
1	MATH	131	Intermediate Algebra	3		
1	CIS	111	Intro to Computer Applications	3	6	
2	AT	156	Automotive Brake Systems	3		
2	AT	161	Automotive Electrical/Electro nic Principles	4		
2	AT	166	Engine Electrical/Electro nic Principles	4		
2	AT	171	Fuel and Emission Systems	4		15
2	PHYS	106	Physics for Everyday Life (or higher)	3		
2	ENG	106	English Composition	3	6	
3	AT	206	Advanced Engine Diagnosis	3		

3	AT	211	Advanced Chassis Service	3		
3	AT	216	Independent Diagnosis and Repair	3		
3	AT	222	PA Safety Inspection/Enhanced Emissions Inspection Certification	2		11
3	ENG	216	Technical Writing -or-	3		
3	ENG	221	Public Speaking	3		
	HUMANITIES		Elective	3	6	
4	AT	256	Heating and Air Conditioning	2		
4	AT	261	Drive Train and Manual Transaxle Service	3		
4	AT	266	Advanced Engine Computer Control Analysis	3		
4	AT	271	Automatic Transaxle Service	4		
4	AT	276	Fuel Injection Systems	3		15
Add Gen Ed.	HEALTH	106 -or- 111	Elective	1		
Add Gen Ed.			General Studies Elective	3		

Add  
Gen  
Ed.

General Studies  
Elective

3

7



**TOTAL  
CREDITS**

75