

**PIEDMONT TECHNICAL COLLEGE
ASSOCIATE IN APPLIED SCIENCE
MAJOR IN AUTOMOTIVE TECHNOLOGY**

Day Program – 5 terms

FIRST SEMESTER	CLASS	LAB	CREDIT
MAT 170 Algebra, Geometry, and Trigonometry I	3.0	0.0	3.0
AUT 101 Engine Fundamentals	2.0	3.0	3.0
AUT 104 Engine Rebuilding	2.0	9.0	5.0
AUT 133 Electrical Fundamentals	2.0	3.0	3.0
ENG 165 Professional Communications	<u>3.0</u>	<u>0.0</u>	<u>3.0</u>
	12.0	15.0	17.0
 SECOND SEMESTER			
AUT 152 Automatic Transmissions	2.0	6.0	4.0
AUT 251 Automatic Transmission Overhaul	2.0	9.0	5.0
AUT 116 Manual Transmissions and Axles	3.0	3.0	4.0
Elective Behavioral/Social Science	<u>3.0</u>	<u>0.0</u>	<u>3.0</u>
	10.0	18.0	16.0
 SUMMER TERM			
AUT 141 Introduction to Heating & Air Conditioning	3.0	3.0	4.0
AUT 112 Braking Systems	3.0	3.0	4.0
AUT 122 Suspension and Alignment	<u>3.0</u>	<u>3.0</u>	<u>4.0</u>
	9.0	9.0	12.0
 THIRD SEMESTER			
AUT 131 Electrical Systems	2.0	3.0	3.0
AUT 145 Engine Performance	2.0	3.0	3.0
AUT 231 Automotive Electronics	2.0	6.0	4.0
AUT 247 Electronic Fuel Systems	2.0	6.0	4.0
MAT 171 Algebra, Geometry, Trigonometry II	<u>3.0</u>	<u>0.0</u>	<u>3.0</u>
	11.0	18.0	17.0
 FOURTH SEMESTER			
Elective Humanities/Fine Arts	3.0	0.0	3.0
AUT 232 Automotive Accessories	1.0	3.0	2.0
AUT 245 Advanced Engine Performance	3.0	6.0	5.0
AUT 156 Auto. Diagnosis and Repair	2.0	6.0	4.0
AUT 143 Active Devices and Sensors	<u>2.0</u>	<u>6.0</u>	<u>4.0</u>
	11.0	21.0	18.0
TOTAL CREDIT HOURS	53.0	81.0	80.0