

# Program Guide

Pittsburg State University

## Requirements for the Certificate

### General Education Requirements

#### Automotive Service Requirements

##### Technical Courses (52 hours)

AST 101 Engine Repair	3
AST 102 Brakes	3
AST 122 General Lab I	5
AST 150 Engine Performance	3
AST 151 Electrical Systems	3
AST 152 General Lab II	5
AST 160 Automatic Trans	3
AST 163 Manual Trans	3
AST 164 Current Topics in AT	1
AST 251 Elect Systems II	3
AST 252 General Lab III	5
AST 260 Engine Performance II	3
AST 255 Air Cond. And Heating	3
AST 256 Suspension and Steering	3
AST 257 General Lab IV	5
<u>Or</u> AST 299 Auto Service Internship	<u>6</u>
	<b>51-52</b>

### 1<sup>st</sup> Semester (Freshman)

AST 101 Engine Repair	3
AST 102 Brakes	3
AST 122 General Lab I	5
Note: 1 hour elective may be taken to meet full-time status	<u>1</u>
	11-12

### 2<sup>nd</sup> Semester (Freshman)

AST 150 Engine Performance	3
AST 151 Electrical Systems	3
AST 152 General Lab II	5
Note: 1 hour elective may be taken to meet full-time status	<u>1</u>
	11-12

### Summer Semester (Sophomore)

AST 160 Automatic Trans	3
AST 163 Manual Trans	3
AST 164 Current Topics in AT	<u>1</u>
	7

### 3<sup>rd</sup> Semester (Sophomore)

AST 251 Elect Systems II	3
AST 252 General Lab III	5
AST 260 Engine Performance II	3
Note: 1 hour elective may be taken to meet full-time status	<u>1</u>
	11-12

### 4<sup>th</sup> Semester (Sophomore)

AST 255 Air Cond. And Heating	3
AST 256 Suspension and Steering	3
AST 257 General Lab IV	
or AST 299 Auto Service Internship	5-6

Note: 1 hour elective may be taken to meet full-time status	<u>1</u>
	11-12

**Total Hours** **51-55**