



## Automotive Service Technology Certificate

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		<b>STUDENT PROGRESS</b>	
		<u>Grade</u>	<u>Term Completed</u>
<b>Area I—Written Composition:</b>	<b>..... 3</b>		
•	ENG 100 – Vocational Technical English I <b>OR</b> ENG 101 - English Composition I .....	3	3
<b>Area II—Humanities and Fine Arts:</b>	<b>..... 0</b>		
<b>Area III—Natural Science or Mathematics:</b>	<b>..... 3</b>		
•	MAH 101 - Introductory Mathematics I <b>OR</b> MTH 100 - Intermediate College Algebra or numerically higher <b>OR</b> AUM 100 – Introduction to Applied Technologies .....	3	3
<b>Area IV—History, Social and Behavioral Sciences:</b>	<b>..... 0</b>		
<b>Area V—Technical Courses:</b>	<b>..... 54</b>		
•	AUM 101 - Fundamentals of Automotive Technology.....	3	3
•	* AUM 112 - Electrical Fundamentals .....	3	3
•	* AUM 121 - Braking Systems .....	3	3
•	* AUM 122 - Steering and Suspension .....	3	3
•	* AUM 124 - Automotive Engines .....	3	3
•	AUM 127 – Car Braking, Steering, and Suspensions Systems..	3	3
•	* AUM 130 - Drive Train and Axles .....	3	3
•	AUM 133 - Motor Vehicle Air Conditioning.....	3	3
•	* AUM 162 - Electrical and Electronic Systems .....	3	3
•	AUM 181 - Special Topics .....	1	1
•	AUM 182 - Special Topics .....	2	2
•	AUM 183 - Special Topics .....	2	2
•	AUM 212 - Advanced Electrical and Electronic Systems .....	3	3
•	AUM 220 - Advanced Automotive Engines .....	3	3
•	AUM 224 – Manual Transmission and Transaxle .....	3	3
•	* AUM 230 - Auto Transmission and Transaxle .....	3	3
•	AUM 235 – Transmissions and Transaxles .....	3	3
•	* AUM 239 - Engine Performance.....	3	3
•	* AUM 244 - Engine Performance II.....	3	3
•	AUM 246 - Automotive Emissions .....	3	3
•	AUM 248 – Engine Performance Diagnostics and Emissions....	3	3
•	AUM 281 - Special Topics .....	3	3
•	DPT 100 - Introductory Computer Skills I <b>OR</b> CIS 146 - Microcomputer Applications.....	3	3
•	* ORT 100 - Orientation for Career Students .....	1	1
•	SPC 103 - Oral Communication Skills <b>OR</b> SPH 106 - Fundamentals of Oral Communication .....	3	3

**\*Required Courses**

**Total Hours Required for Certificate:** ..... **60**

**NOTICE(s):** For the certificate in Automotive Service Technology, the student must complete a minimum of 60 credit hours – 54 in technical courses and 6 in general education courses – all of which must be approved by the advisor. Required courses may vary to



provide options and to meet student needs. Courses will be selected from those listed above. Admission Requirement: Student must be age 17 or older.

**This program is offered at the East Broad Campus only.**

This program is a Gainful Employment Program. Information on the graduation rate, award type, average loan debt, number of students borrowing money, and the cost and length of this program can be found at:

<http://www.gadsdenstate.edu/sites/default/files/u21/47.0604-Auto%20Service%20Certificate.pdf>.