AUTOMOTIVE SERVICE & REPAIR Certificate Minimum Credits: 36.0 AAS Degree Minimum Credits: 60.0 Certificate / Associate in Applied Science Degree (AAS) Contact Hours: 56.0 Contact Hours: 87.0

Introduction: This one-year certificate program prepares the successful graduate for a number of entry-level employment positions in the automotive service field. By working with his/her academic advisor, a successful certificate graduate can study additional time to become master certified and/or earn an associate degree.

BASIC CERTIFICATE COURSES					
Course	TITLE		Crei		CONTACT HOURS
AUT 119	Automotive Brake Systems			5.0	8.0
AUT 122	Automotive Air	Automotive Air, Fuel & Emissions Systems			6.0
AUT 123	Automotive Suspension, Steering & Alignment			5.0	8.0
AUT 124	Automotive Electrical & Electronics Systems I			5.0	8.0
AUT 125	Automotive Electrical & Electronics Systems II			5.0	8.0
AUT 201		Engine Controls		4.0	6.0
AUT 202		Engine Performance Diagnosis & Tune-Up			8.0
AUT 205	Auto Climate Control		<u>-</u>	5.0 <u>3.0</u>	4.0
			M CREDITS/CONTACT HOURS:	36.0	56.0
MASTER CERTIFICATE COURSES					
AUT 209	Automotive Transmissions & Drive Trains			5.0	8.0
AUT 221	Engine Repair & Overhaul			5.0	8.0
				10.0	16.0
MASTER CERTIFICATE MINIMUM CREDITS/CONTACT HOURS:				46.0	72.0
AAS PROGRAM COURSES					
ENG 120 or ENG 111	Applied Comm	unications or E	nglish	3.0	3.0
ENG 123 or ENG 112	Technical Communications or English			3.0	3.0
MTH 110 or MTH 113 or MTH 115	Technical Math or Intermediate Algebra or			3.0-5.0	4.0-6.0
	Applied Algebra		G		
PLS 221	American Gov	American Government & Politics			3.0
	General Electiv	eneral Elective			<u>2.0-4.0</u>
				14.0-17.0	15.0-19.0
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	AAS	Degree Minimui	M CREDITS/CONTACT HOURS:	60.0	87.0
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NOTES:

Associate in Applied Science Degree (AAS) can be earned by completing the Master Certificate and adding the AAS Program Courses. **Tool Requirements:** Students are required to provide their own safety equipment, work clothes, and basic hand tool set. A list is provided. Estimated cost is \$1,000 to \$2,500. Special student discounts and deferred payment programs are available. A quality set of hand tools is required for future employability.