

**Associate in Applied Science in Automotive Technology**  
**(2<sup>nd</sup> Year Courses)**

<b>PROGRAM OUTCOMES MATRIX</b>												
<b>Program Outcomes</b>	<b>Courses in Program</b>											
				<b>Lab Science</b>	<b>SSC 147</b>	<b>ATT 126</b>	<b>ATT 207</b>	<b>ATT 224</b>	<b>ATT 226</b>	<b>ATT 276</b>		
Apply accepted safety and health practices in the workplace						<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>		
Use proper tools and instrumentation to diagnose, troubleshoot and repair automotive engines.						<b>X</b>	<b>X</b>			<b>X</b>		
Use proper tools and instrumentation to diagnose, troubleshoot and repair automotive electrical and electronic systems and components										<b>X</b>		
Use proper tools and instrumentation to diagnose, troubleshoot and repair manual drive trains and axles in automobiles.								<b>X</b>		<b>X</b>		
Use proper tools and instrumentation to diagnose, troubleshoot and repair automobiles with automatics transmissions and transaxles.									<b>X</b>	<b>X</b>		
Develop scientific knowledge and mathematical analytical skills and techniques.				<b>X</b>								
Apply effective written and oral communication skills.										<b>X</b>		
Demonstrate an appreciation and awareness of human and cultural diversity in life as well as the workplace.					<b>X</b>							

*Program Outcomes Matrix – AAS in Automotive Technology (2<sup>nd</sup> Year)*  
*Prepared: 02/13/09 (LSB/DES)12/16/13 WAM*  
*Submitted to LOT: 02/16/09*  
*Approved by LOT: 02/16/09*