

**Associate in Applied Science  
Automotive Technology (AAS.AUT 35306)**

**Total Credit Hours: 69  
EFFECTIVE: FALL 2021**

**Completion Plan**

<b>First Semester</b>			
	<b>Credit Hours</b>	<b>Pre-requisites</b>	<b>Recommended Term(s)</b>
COL 101 College Orientation	1.0		1 <sup>st</sup> 4- or 8-wk
*AUT 131 Electrical Systems	3.0	AUT 133; RWR 032 or equivalent; Co-requisite: AUT 161	2 <sup>nd</sup> 8 wk FALL Only
*AUT 133 Electrical Fundamentals	3.0	RWR 032 or equivalent; Co-requisite: AUT 161	1 <sup>st</sup> 8 wk FALL Only
*AUT 143 Active Devices and Sensors	4.0	RWR 032 or equivalent; Co-requisites: AUT 161	2 <sup>nd</sup> 8 wk FALL Only
*AUT 161 Introduction to Automotive Maintenance	1.0		1 <sup>st</sup> 8 wk
*ENG 155 Communications I	3.0	Co-requisite: ENG 032 or equivalent	
<b>TOTAL</b>	<b>15.0</b>		
<b>Second Semester</b>			
	<b>Credit Hours</b>	<b>Pre-requisites</b>	<b>Recommended Term(s)</b>
*AUT 102 Engine Repair	4.0	RWR 032 or equivalent; Co-requisite: AUT 161	1 <sup>st</sup> 8 wk SPRING Only
*AUT 146 Emission Systems	3.0	RWR 032 or equivalent; Co-requisite: AUT 161	2 <sup>nd</sup> 8 wk SPRING Only
*AUT 149 Ignition and Fuel Systems	4.0	RWR 032 or equivalent; Co-requisite: AUT 161	2 <sup>nd</sup> 8 wk SPRING Only
*ECO 101 Basic Economics OR *ECO 210 Macroeconomics	3.0	Co-requisite: ENG 032 or equivalent	
<b>TOTAL</b>	<b>14.0</b>		
<b>Third Semester</b>			
	<b>Credit Hours</b>	<b>Pre-requisites</b>	<b>Recommended Term(s)</b>
*AUT 112 Braking Systems	4.0	RWR 032 or equivalent; Co-requisite: AUT 161	1 <sup>st</sup> 4 week SUMMER Only
*AUT 241 Automotive Air Conditioning	4.0	RWR 032 or equivalent; Co-requisite: AUT 161	2 <sup>nd</sup> 4 week SUMMER Only
*MAT 155 Contemporary Mathematics	3.0	MAT 033 or equivalent – minimum grade of C	
<b>TOTAL</b>	<b>11.0</b>		

\* Courses in this program that require a minimum grade of “C.”

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**Fourth Semester**

	<b>Credit Hours</b>	<b>Pre-requisites</b>	<b>Recommended Term(s)</b>
*AUT 115 Manual Drive Train/ Axle	3.0	RWR 032 or equivalent; Co-requisite: AUT 161	2 <sup>nd</sup> 8 wk FALL Only
*AUT 124 Steering, Suspension and Alignment	4.0	RWR 032 or equivalent; Co-requisite: AUT 161	1 <sup>st</sup> 8 wk FALL Only
*AUT 247 Electrical Fuel Systems	4.0	AUT 146, RWR 032 or equivalent; Co-requisite: AUT 161	2 <sup>nd</sup> 8 week FALL Only
*PSY 105 Personal/Interpersonal Psychology	3.0	Co-requisite: ENG 032 or equivalent	
<b>TOTAL</b>	<b>14.0</b>		

**Fifth Semester**

	<b>Credit Hours</b>	<b>Pre-requisites</b>	<b>Recommended Term(s)</b>
*AUT 158 Automotive Diagnosis	3.0	RWR 032 or equivalent; Co-requisite: AUT 161	1 <sup>st</sup> 8 week SPRING Only
*AUT 262 Advanced Automotive	4.0	RWR 032 or equivalent; Co-requisite: AUT 161	2 <sup>nd</sup> 8 week SPRING Only
*AUT 251 Automatic Transmission Overhaul	5.0	RWR 032 or equivalent; Co-requisite: AUT 161	2 <sup>nd</sup> 8 week SPRING Only
*HSS 205 Technology and Society	3.0	Co-requisite: ENG 032 or equivalent	
<b>TOTAL</b>	<b>15.0</b>		

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