

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

**Total Credit Hours: 69
EFFECTIVE: FALL 2020**

Graduation Plan

First Semester			
	Credit Hours	Pre-requisites	Recommended Term(s)
COL 101 College Orientation	1.0		1 st 4 week- FA
*AUT 131 Electrical Systems	3.0	AUT 133; ENG 031 or equivalent; Co-requisite: AUT 161	2 nd 8 week- FA
*AUT 133 Electrical Fundamentals	3.0	ENG 031 or equivalent; Co-requisite: AUT 161	1 st 8 week-FA
*AUT 143 Active Devices and Sensors	4.0	ENG 031 or equivalent; Co-requisites: AUT 161	2 nd 8 week-FA
*AUT 161 Introduction to Automotive Maintenance	1.0		1 st 8 week-FA
*ENG 155 Communications I	3.0	Co-requisite: ENG 032 or equivalents	16 week-FA
TOTAL	15.0		
Second Semester			
	Credit Hours	Pre-requisites	Recommended Term(s)
*AUT 102 Engine Repair	4.0	ENG 031 or equivalent; Co-requisite: AUT 161	1 st 8 week
*AUT 146 Emission Systems	3.0	ENG 031 or equivalent; Co-requisite: AUT 161	2 nd 8 week
*AUT 149 Ignition and Fuel Systems	4.0	ENG 031 or equivalent; Co-requisite: AUT 161	2 nd 8 week
*ECO 101 Basic Economics OR *ECO 210 Macroeconomics	3.0	Co-requisite: ENG 032 or equivalent	16 week
TOTAL	14.0		
Third Semester			
	Credit Hours	Pre-requisites	Recommended Term(s)
*AUT 112 Braking Systems	4.0	ENG 031 or equivalent; Co-requisite: AUT 161	1 st 4 week SU
*AUT 241 Automotive Air Conditioning	4.0	ENG 031 or equivalent; Co-requisite: AUT 161	2 nd 4 week SU
*MAT 155 Contemporary Mathematics	3.0	MAT 033 or equivalent – minimum grade of C	1 st 8 week SU
TOTAL	11.0		

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

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Fourth Semester

	Credit Hours	Pre-requisites	Recommended Term(s)
*AUT 115 Manual Drive Train/ Axle	3.0	ENG 031 or equivalent; Co-requisite: AUT 161	2 nd 8 week FA
*AUT 124 Steering, Suspension and Alignment	4.0	ENG 031 or equivalent; Co-requisite: AUT 161	1 st 8 week FA
*AUT 262 Advanced Automotive	4.0	ENG 031 or equivalent; Co-requisite: AUT 161	2 nd 8 week FA
*PSY 105 Personal/Interpersonal Psychology	3.0	Co-requisite: ENG 032 or equivalent	16 week FA
TOTAL	14.0		

Fifth Semester

	Credit Hours	Pre-requisites	Recommended Term(s)
*AUT 158 Automotive Diagnosis	3.0	ENG 031 or equivalent; Co-requisite: AUT 161	1 st 8 week SP
*AUT 247 Electrical Fuel Systems	4.0	AUT 146, ENG 031 or equivalent; Co-requisite: AUT 161	2 nd 8 week SP
*AUT 251 Automatic Transmission Overhaul	5.0	ENG 031 or equivalent; Co-requisite: AUT 161	2 nd 8 week SP
*HSS 205 Technology and Society	3.0	Co-requisite: ENG 032 or equivalent	16 week SP
TOTAL	15.0		

* Courses in this program that require a minimum grade of "C."