

**Curriculum Sequence Checklist  
Automotive Systems Technology – A60160**

**Course and Hour Requirements:**

			<u>Prereq/Coreq</u>	<u>Class</u>	<u>Lab</u>	<u>Clin/Exp</u>	<u>Credit</u>
<b>First Semester (Fall)</b>							
ACA	122	College Transfer Success	(None)	1	0	0	1
AUT	116	Engine Repair	(TRN 110)	2	3	0	3
CIS	110	Intro. to Computers	(None)	2	2	0	3
MAT	121	Algebra/Trigonometry I	(DMA 010, DMA 020, DMA 030, DMA 040, DMA 0050, and DMA 060)	2	2	0	3
<b>OR</b>							
MAT	171	Precalculus Algebra	(DMA 010, DMA 020, DMA 030, DMA 040, DMA 0050, DMA 060, DMA 0070, and DMA 080 or MAT 121)	3	2	0	4
TRN	110	Intro to Transport Tech	(AUT 116)	1	2	0	2
TRN	120	Basic Trans. Electricity	(None)	4	3	0	5
Semester Total							17 or 18
<b>Second Semester (Spring)</b>							
AUT	141	Suspension & Steering Syst.	(AUT 141A Coreq)	2	3	0	3
AUT	141A	Suspension & Steering Lab	(AUT 141 Coreq)	0	3	0	1
AUT	151	Brake Systems	(AUT 151A Coreq)	2	3	0	3
AUT	151A	Brake Systems Lab	(AUT 151 Coreq)	0	3	0	1
AUT	181	Engine Performance I	(AUT 116)	2	3	0	3
ENG	110	Freshman Composition	(DRE 097)	3	0	0	3
<b>OR</b>							
ENG	111	Writing and Inquiry	(DRE 098)	3	0	0	3
HUM/FA		HUM/Fine Arts Core Elective	(Course Dependent)	3	0	0	3
Semester Total							17
<b>Third Semester (Summer)</b>							
AUT	163	Advanced Auto Electricity	(TRN 120)	2	3	0	3
AUT	212	Auto Shop Management	(None)	3	0	0	3
COM	110	Intro. to Communication	(RED 090)	3	0	0	3
<b>OR</b>							
COM	231	Public Speaking	(RED 090)				
Semester Total							9
<b>Fourth Semester (Fall)</b>							
AUT	183	Engine Performance II	(AUT 181)	2	6	0	4
AUT	221	Auto Transm/Transaxles	(None)	2	3	0	3
SOC/BEH		Social/Behav. Sci. Core Elective	(Course dependent)	3	0	0	3
TRN	145	Advanced Trans Electronics	(TRN 120)	2	3	0	3

XXX	XXX	Elective	(Course dependent)	0-3	0-6	0-20	<u>2-4</u>
Semester Total							15-17

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#### Course and Hour Requirements:

			<u>Prerequisite</u>	<u>Class</u>	<u>Lab</u>	<u>Clin/Exp</u>	<u>Credit</u>
<b>Fifth Semester (Spring)</b>							
AUT	281	Adv. Engine Performance	(AUT 183)	2	2	0	3
TRN	140	Trans Climate Control	(None)	1	2	0	2
TRN	140A	Trans Climate Cont Lab	(None)	1	2	0	2
XXX	XXX	Elective	(Course dependent)	0-3	0-6	0-20	<u>2-4</u>
Semester Total							9-11

#### Total Hours for Graduation

**69-70**

#### Electives (XXX)

AUT	113	Auto Servicing I	(AUT 116, AUT 141, AUT 151)	0	6	0	2
<b>OR</b>							
WBL	112	Work Based Learning I (Completion of 9 hrs		0	0	20	2
<b>And</b> at least one major core course)							
AUT	114	Safety and Emissions	(Coreq AUT 114A)	1	2	0	2
AUT	114A	Safety and Emissions Lab	(Coreq AUT 114)	0	2	0	1
AUT	213	Auto Servicing II	(AUT 113)	0	6	0	2
<b>OR</b>							
WBL	122	Work Based Learning II	(WBL112)	0	0	20	2
AUT	163A	Adv Auto Electricity Lab	(TRN 120 and Coreq AUT 163)	3	0	0	1
AUT	181A	Engine Performance I	(Coreq AUT 181)	0	3	0	1
AUT	231	Man. Trans/Axles/Drtrains	(None)	2	3	0	3
TRN	120A	Basic Transp Electricity Lab	(Coreq AUT 120)	0	3	0	1
TRN	130	Intro to Sustainable Trans	(None)	2	2	0	<u>3</u>
							6-7

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