

Curriculum Sequence Checklist
Automotive Systems Technology – A60160

Course and Hour Requirements:

First Semester (Fall)

Course:	Course Name:	Prereq/Coreq	Class	Lab	Clin/Exp	Credit
ACA 122	College Transfer Success	(NONE)	0	2		1
AUT 116	Engine Repair	(TRN 110)	2	3		3
CIS 110	Intro. to Computers	(NONE)	2	2		3
MAT 121	Algebra/Trigonometry I	(DMA 010,DMA 020, DMA 030,DMA 040,DMA 050 & DMA 060)	2	2		3
OR						
MAT 171	Precalculus Algebra	(DMA 010,DMA 020, DMA 030,DMA 040,DMA 050 & DMA 060,DMA 070,DMA 080 or MAT 121)	3	2		4
TRN 110	Intro to Transport Tech	(AUT 116)	1	2		2
TRN 120	Basic Trans. Electricity	(NONE)	4	3		5
Semester Total						17 or 18

Second Semester (Spring)

Course:	Course Name:	Prereq/Coreq	Class	Lab	Clin/Exp	Credit
AUT 141	Suspension & Steering Syst.	(AUT 141A Coreq)	2	3		3
AUT 141A	Suspension & Steering Lab	(AUT 141 Coreq)	0	3		1
AUT 151	Brake Systems	(AUT 151A Coreq)	2	3		3
AUT 151A	Brake Systems Lab	(AUT 151 Coreq)	0	3		1
AUT 181	Engine Performance I	(AUT 116)	2	3		3
ENG 110	Freshman Composition	(DRE 097)	3	0		3
OR						
ENG 111	Writing and Inquiry	(DRE 098)	3	0		3
Humanities /Fine Arts	Arts Core Elective	(Course Dependent)	3	0		3
Semester Total						17

Third Semester (Summer)

Course:	Course Name:	Prereq/Coreq	Class	Lab	Clin/Exp	Credit
AUT 163	Advanced Auto Electricity	(TRN 120)	2	3		3
AUT 212	Auto Shop Management	(None)	3			3
COM 110	Intro to Communication	(RED 090)	3	0		3
Or						
COM 231	Public Speaking	(RED 090)	3	0		3
Semester Total						9

Fourth Semester (Fall)

Course:	Course Name:	Prereq/Coreq	Class	Lab	Clin/Exp	Credit
AUT 183	Engine Performance II	(AUT 181)	2	6		4
AUT 221	Auto Transm/Transaxles	(None)	2	3		3
Social/Behavioral Science	Core Elective	(Course Dependant)	3	0		3
TRN 145	Advanced Trans Electronics	(TRN 120)	2	3		3
XXX XXX	Elective	(Course dependent)	0-3	0-6	0-20	2-4
Semester Total						15 or 17

Fifth Semester (Spring)

Course:	Course Name:	Prereq/Coreq	Class	Lab	Clin/Exp	Credit
AUT 281	Adv. Engine Performance	(AUT 183)	2	2		3
TRN 140	Trans Climate Control	(None)	1	2		2
TRN 140A	Trans Climate Cont Lab	(None)	1	2		2
XXX XXX	Elective	(Course dependent)	0-3	0-6	0-20	2-4
Semester Total						9-11

Elective List

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

Total Hours for Graduation	69-70
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