

Curriculum Sequence Checklist
Automotive Systems Technology Diploma – D60160

Course and Hour Requirements:

First Semester (Fall)

Course:	Course Name:	Prereq/Coreq	Class	Lab	Clin/Exp	Credit
AUT 116	Engine Repair	(TRN 110)	2	3		3
ENG 110 OR ENG 111	Freshman Composition Writing and Inquiry	(DRE 097) (DRE 098)	3 3	0 0		3 3
TRN 110	Intro to Transport Tech	(AUT 116)	1	2		2
TRN 120	Basic Trans. Electricity	(NONE)	4	3		5
Semester Total						16

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
MAT 121 OR MAT 171	Algebra/Trigonometry I Precalculus Algebra	(DMA 010,DMA 020, DMA 030,DMA 040,DMA 050 & DMA 060) (DMA 010,DMA 020, DMA 030,DMA 040,DMA 050 & DMA 060,DMA 070,DMA 080 or MAT 121)	2 3	2 2		3 4
Semester Total						14

Third Semester (Summer)

Course:	Course Name:	Prereq/Coreq	Class	Lab	Clin/Exp p	Credit
AUT 163	Advanced Auto Electricity	(TRN 120)	2	3		3
AUT 212	Auto Shop Management	(None)	3			3
Semester Total						6

Fourth Semester (Fall)

Course:	Course Name:	Prereq/Coreq	Class	Lab	Clin/Exp	Credit
AUT 183	Engine Performance II	(AUT 181)	2	6		4
TRN 145	Advanced Trans Electronics	(TRN 120)	2	3		3
AUT 221	Auto Transm/Transaxles	(None)	2	3		3
XXX XXX	Elective	(Course dependent)	0-3	0-6	0-20	4
Semester Total						11

11

Electives (XXX) Choose a minimum of 4 hours.

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 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
TRN 130	Intro to Sustainable Trans	(None)	2	2		3
TRN 140	Trans Climate Control	(None)	1	2		2
TRN 140A	Trans Climate Cont Lab	(None)	1	2		2
Semester Total						4 (min)

Total Hours for Graduation	47
-----------------------------------	-----------

Advisors: David Mogilnicki
Office: RMSH
252-428-7338
dmogilnicki028@nashcc.edu

Jeff Cook
Office: NCC Auto Bldg.
252-428-7338
jdcook495@nashcc.edu