

**Curriculum Sequence Checklist**  
**Automotive Systems Technology Diploma – D60160**

**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>							
AUT	116	Engine Repair	(TRN 110 Coreq)	2	3	0	3
AUT	221	Auto Transm/Transaxles	(None)	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
TRN	110	Intro to Transport Tech	(AUT 116)	1	2	0	2
TRN	120	Basic Trans. Electricity	(None)	4	3	0	<u>5</u>
Semester Total							16
<b>Second Semester (Spring)</b>							
AUT	141	Susp. & Steering Systems	(AUT 141A Coreq)	2	3	0	3
AUT	141A	Susp. & Steering Syst. Lab	(AUT 141 Coreq)	0	3	0	1
AUT	151	Brake Systems	(AUT 151 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
MAT	110	Mathematical Measurement	(DMA 110, DMA 020, 2 & DMA 030)	2	2	0	3
<b>Or</b>							
MAT	121	Algebra/Trigonometry I	(DMA 010, DMA 020, 2 DMA 030, DMA 040, DMA 0050, and DMA 060)	2	2	0	<u>3</u>
Semester Total							14
<b>Third Semester (Summer)</b>							
AUT	163	Advanced Auto Electricity	(AUT 161)	2	3	0	3
AUT	212	Auto Shop Management	(None)	3	0	0	<u>3</u>
Semester Total							6
<b>Fourth Semester (Fall)</b>							
AUT	183	Engine Performance II	(AUT 181)	2	6	0	4
TRN	145	Advanced Trans Electronics	(TRN 120)	2	3	0	3
XXX	XXX	Elective	(Course dependent)	0-3	0-6	0-20	<u>4</u> (min)
Semester Total							11
<b>Electives (XXX) Choose a minimum of 4 hours.</b>							
AUT	114	Safety and Emissions	(Coreq AUT 114A)	1	2	0	2
AUT	114A	Safety and Emissions Lab	(Coreq AUT 114)	1	2	0	2
AUT	163A	Advanced Auto Electricity Lab	(AUT 163 Coreq)	0	3	0	1
AUT	181A	Engine Performance I Lab	(AUT 181 Coreq)	0	3	0	1
AUT	284	Emerging Auto Technology	(None)	2	6	0	4
WBL	112	Work-Based Learning I	(None)	0	0	20	2
TRN	130	Intro to Sustainable Trans	(None)	2	2	0	3
TRN	140	Trans Climate Control	(None)	1	2	0	2
TRN	140A	Trans Climate Cont Lab	(None)	1	2	0	<u>2</u>
							4 (min)
<b>Total Hours for Graduation</b>							<b>47</b>

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