

Automotive Technology

Student Name _____

Enrollment Date _____ Academic Year _____

Emplid _____ Scores: Math _____

Reading _____

Writing _____

CERTIFICATE – AUTOMOTIVE AIR CONDITIONING

MECHANIC: 4 Total Credit Hours

Required Scores: None			
		Cr Hr	Grade
ADX 170 Climate Control	No prerequisite	3	
ADX 171 Climate Control Lab	Coreq: ADX 170	1	

CERTIFICATE – MANUAL TRANSMISSION/DRIVE TRAIN

TECHNICIAN: 5 Total Credit Hours

Required Scores: None			
		Cr Hr	Grade
AUT 130 Manual Transmissions	No prerequisite	3	
AUT 131 Manual Transmissions Lab	Coreq: AUT 130	2	

CERTIFICATE – AUTOMATIC TRANSMISSION /

TRANSAXLE TECHNICIAN: 5 Total Credit Hours

Required Scores: None			
		Cr Hr	Grade
AUT 180 Automatic Transmission/Transaxle	No prerequisite (Rec-student should have successfully completed ADX 120 and ADX 260 or have Consent of Instructor)	3	
AUT 181 Automatic Transmission/Transaxle Lab	Coreq: AUT 180	2	

CERTIFICATE – BRAKE REPAIRER: 5 Total Credit Hours

Required Scores: None			
		Cr Hr	Grade
AUT 110 Brake Systems	No prerequisite	3	
AUT 111 Brake Systems Lab	Coreq: AUT 110	2	

CERTIFICATE – ENGINE REPAIRER: 5 Total Credit Hours

Required Scores: None			
		Cr Hr	Grade
ADX 150 Engine Repair	No prerequisite	3	
ADX 151 Engine Repair Lab	Coreq: ADX 150	2	

CERTIFICATE – FRONT END MECHANIC: 5 Total Credit Hours

Required Scores: None			
		Cr Hr	Grade
AUT 160 Suspension and Steering	No prerequisite	3	
AUT 161 Suspension and Steering Lab	Coreq: AUT 160	2	

CERTIFICATE – AUTOMOTIVE ELECTRICIAN: 10 Total

Credit Hours

Required Scores: None			
		Cr Hr	Grade
ADX 120 Basic Automotive Electricity	No prerequisite	3	
AND			
ADX 121 Basic Automotive Electricity Lab	Coreq: ADX 120 (or BEX 100 and BEX 101)	2	
ADX 260 Electrical Systems	No prerequisite (Rec-student should have successfully completed ADX 120 or have Consent of Instructor)	3	
ADX 261 Electrical Systems Lab	Coreq: ADX 260	2	

CERTIFICATE – TUNE-UP MECHANIC: 26 Total Credit Hours

Required Scores: Pre-Algebra–34 / Reading–74 / Writing–49			
		Cr Hr	Grade
GEN 100 Introduction to College	No prerequisite	1	
ADX 120 Basic Automotive Electricity	No prerequisite	3	
ADX 121 Basic Automotive Electricity Lab	Coreq: ADX 120	2	
ADX 260 Electrical Systems	No prerequisite (Rec-student should have successfully completed ADX 120 or have Consent of Instructor)	3	
ADX 261 Electrical Systems Lab	Coreq: ADX 260	2	
AUT 140 Basic Fuel and Ignition Systems	No prerequisite (Rec-student should have successfully completed ADX 120 and ADX 260 or have Consent of Instructor)	3	
AUT 141 Basic Fuel and Ignition Systems Lab	Coreq: AUT 140	2	
AUT 142 Emission Systems	No prerequisite (Rec-student should have successfully completed ADX 120 and ADX 260 or have Consent of Instructor)	3	
AUT 143 Emission Systems Lab	Coreq: AUT 142	2	
AUT 240 Computer Control Systems and Diagnosis	No prerequisite (Rec-student should have successfully completed ADX 120 and ADX 260 or have Consent of Instructor)	3	
AUT 241 Computer Control Systems and Diagnosis Lab	Coreq: AUT 240	2	

I have reviewed this advising sheet with my advisor and understand course requirements and preferred sequence of courses necessary to complete a credential. Also, I do understand that there may be course changes with future curriculum revisions that may affect a change in course requirements listed on this sheet.

I also understand that if I have prior felony/criminal convictions, or have points on my driver's license, or no license, that it may be difficult to find employment in the transportation field.

Student: _____	Student: _____
Advisor: _____	Advisor: _____
Date: _____	Date: _____
Student: _____	Student: _____
Advisor: _____	Advisor: _____
Date: _____	Date: _____

DIPLOMA: AUTOMOTIVE TECHNICIAN: 68 Total Credit Hours

Required Scores: Algebra – 25 / Reading – 85 / Writing – 74			Cr Hr	Grade		Cr Hr	Grade
General Education:							
CIS 100 Introduction to Computers <i>Prereq: Basic Keyboarding Skills</i>			3		AUT 130 Manual Transmissions <i>No prerequisite</i>	3	
Mathematics <i>Rec. MT 110 or higher level mathematics (excluding MT 120)</i>			3		AUT 131 Manual Transmissions Lab <i>Coreq: AUT 130</i>	2	
Science			3		AUT 140 Basic Fuel and Ignition Systems <i>No prerequisite (Rec-student should have successfully completed ADX 120 and ADX 260 or have Consent of Instructor)</i>	3	
Writing / Accessing Information <i>Rec. ENG 101</i>			3		AUT 141 Basic Fuel and Ignition Systems Lab <i>Coreq: AUT 140</i>	2	
Technical Core:							
GEN 100 Introduction to College <i>No prerequisite</i>			1		AUT 142 Emission Systems <i>No prerequisite (Rec-student should have successfully completed ADX 120 and ADX 260 or have Consent of Instructor)</i>	3	
ADX 120 Basic Automotive Electricity <i>No prerequisite</i>			3	AND	AUT 143 Emission Systems Lab <i>Coreq: AUT 142</i>	2	
ADX 121 Basic Automotive Electricity Lab <i>Coreq: ADX 120 (or BEX 100 and BEX 101)</i>			2		AUT 160 Suspension and Steering <i>No prerequisite</i>	3	
ADX 150 Engine Repair <i>No prerequisite</i>			3		AUT 161 Suspension and Steering Lab <i>Coreq: AUT 160</i>	2	
ADX 151 Engine Repair Lab <i>Coreq: ADX 150</i>			2		AUT 180 Automatic Transmission/Transaxle <i>No prerequisite (Rec-student should have successfully completed ADX 120 and ADX 260 or have Consent of Instructor)</i>	3	
ADX 170 Climate Control <i>No prerequisite</i>			3		AUT 181 Automatic Transmission/Transaxle Lab <i>Coreq: AUT 180</i>	2	
ADX 171 Climate Control Lab <i>Coreq: ADX 170</i>			1		AUT 240 Computer Control Systems and Diagnosis <i>No prerequisite (Rec-student should have successfully completed ADX 120 and ADX 260 or have Consent of Instructor)</i>	3	
ADX 260 Electrical Systems <i>No prerequisite (Rec-student should have successfully completed ADX 120 or have Consent of Instructor)</i>			3		AUT 241 Computer Control Systems and Diagnosis Lab <i>Coreq: AUT 240</i>	2	
ADX 261 Electrical Systems Lab <i>Coreq: ADX 260</i>			2		COE 199 Cooperative Education (or AUT 198) <i>Prereq: Completion of at least 12 credit hours in the Associate in Applied Science Degree, diploma or certificate program of study and/or marketable skills in the area in which the student is enrolled, and minimum cumulative grade point average (GPA) of 2.0</i>	1	
AUT 110 Brake Systems <i>No prerequisite</i>			3				
AUT 111 Brake Systems Lab <i>Coreq: AUT 110</i>			2				

GENERAL OCCUPATIONAL / TECHNICAL STUDIES AAS DEGREE: (AUTOMOTIVE TECHNICIAN DIPLOMA (68 Hours) PLUS 6 additional credit hours in General Education): 74 Total Credit Hours

Required Scores: Algebra – 25 / Reading – 85 / Writing – 74			Cr Hr	Grade	Course
Heritage / Humanities / Foreign Languages <i>Prereq: See Compass / ACT score requirement</i>			3		
Social Interaction <i>Prereq: See Compass / ACT score requirement</i>			3		

Developmental Math		Cr Hr
MAT 55 – Pre-Algebra <i>Compass score 24-41 in Pre-Algebra</i>		3
MAT 65 – Basic Algebra <i>Compass score 16-30 in Algebra</i>		3
MAT 120 – Intermediate Algebra <i>Compass score 31-35 in Algebra</i>		3
MAT 100 – College Algebra Workshop <i>Compass score 36-49 in Algebra / ACT 19-21 - enroll concurrent in College Algebra (MAT 150)</i>		2
Developmental Writing		
ENC 90 – Foundations of College Writing I <i>Compass score 26-38</i>		3
ENC 91 – Foundations of College Writing II <i>Compass score 39-73</i>		3
Developmental Reading		
RDG 20 – Improved College Reading <i>Compass score 49-69</i>		3
RDG 30 – Reading for the College Classroom <i>Compass score 70-82</i>		3
RDG 41 – Reading Laboratory <i>Compass score 83-84</i>		1

Developmental Courses: Once students complete and pass a developmental course with a grade of 'C' or higher, they have the option of retesting or moving into the next level of developmental. Once students have completed and passed ALL levels of developmental, they can be placed into General Education courses, including College Algebra, and are not required to retest.