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 *Prereq or Coreq: ADX 170*	1	

CERTIFICATE – MANUAL TRANSMISSION / DRIVE TRAIN TECHNICIAN: 5 Total Credit Hours

	Required Scores: None	Cr Hr	Grade
	AUT 130 Manual Drive Train and Axles *No prerequisite*	3	
	AUT 131 Manual Drive Train and Axles Lab *Prereq or 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 *Prereq or 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 *Prereq or 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 *Prereq or 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 *Prereq or 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	
	ADX 121 Basic Automotive Electricity Lab *Prereq or 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 *Prereq or Coreq: ADX 260*	2	

CERTIFICATE – TUNE-UP MECHANIC: 25 Total Credit Hours

	Required Scores: Pre-Algebra–34 / Reading–74 / Writing–49	Cr Hr	Grade
	ADX 120 Basic Automotive Electricity *No prerequisite*	3	
	ADX 121 Basic Automotive Electricity Lab *Prereq or 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 *Prereq or 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 *Prereq or 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 *Prereq or 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 *Prereq or Coreq: AUT 240*	2	

Student:_____ Advisor:_____ Date: _____	Student:_____ Advisor:_____ Date: _____	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.
Student:_____ Advisor:_____ Date: _____	Student:_____ Advisor:_____ Date: _____	**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.**

DIPLOMA: AUTOMOTIVE TECHNICIAN: 61-64 Total Credit Hours

	Required Scores: Algebra – 25 / Reading – 85 / Writing – 74	Cr Hr	Grade
	General Education:		
	Area 1 = Written Communication, Oral Communications or Heritage / Humanities *Rec. ENG 101*	3	
	Area 2 = Social / Behavioral Sciences, Natural Sciences or Quantitative Reasoning *Rec. MAT 110 or higher level mathematics or Science course*	3	
	Technical Core:		
	ADX 120 Basic Automotive Electricity *(No prerequisite)*	3	
	ADX 121 Basic Automotive Electricity Lab *Prereq or Coreq: ADX 120*	2	
	ADX 150 Engine Repair *(No prerequisite)*	3	
	ADX 151 Engine Repair Lab *Prereq or Coreq: ADX 150*	2	
	ADX 170 Climate Control *(No prerequisite)*	3	
	ADX 171 Climate Control Lab *Prereq or Coreq: ADX 170*	1	
	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 *Prereq or Coreq: ADX 260*	2	
	AUT 110 Brake Systems *(No prerequisite)*	3	
	AUT 111 Brake Systems Lab *Prereq or Coreq: AUT 110*	2	
	AUT 130 Manual Drive Train and Axles *(No prerequisite)*	3	

		Cr Hr	Grade
	AUT 131 Manual Drive Train and Axles Lab *Prereq or Coreq: AUT 130*	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 *Prereq or 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 *Prereq or Coreq: AUT 142*	2	
	AUT 160 Suspension and Steering *(No prerequisite)*	3	
	AUT 161 Suspension and Steering Lab *Prereq or Coreq: AUT 160*	2	
	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 *Prereq or Coreq: AUT 180*	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 *Prereq or Coreq: AUT 240*	2	
	Computer/Digital Literacy course or competency demonstrated by exam *Rec. CIT 105*	0-3	
	Any approved work experience component	1	

GENERAL OCCUPATIONAL / TECHNICAL STUDIES AAS DEGREE: (AUTOMOTIVE TECHNICIAN DIPLOMA (technical core courses) (55-58 Hours) PLUS 15 credit hours in General Education): 70-73 Total Credit Hours

	Required Scores: Algebra – 25 / Reading – 85 / Writing – 74	Cr Hr	Grade	Course
	Heritage / Humanities *Prereq: See Compass / ACT score requirement*	3		
	Natural Sciences *Prereq: See Compass / ACT score requirement*	3		
	Quantitative Reasoning *Rec. MAT 110 or higher level mathematics*	3		
	Social / Behavioral Sciences *Prereq: See Compass / ACT score requirement*	3		
	Written Communications *Rec. ENG 101*	3		

	College Success Courses	Cr Hr
	GEN 100 Introduction to College *(No prerequisite)*	1
	GEN 102 Foundations of Learning *(No prerequisite)*	3

	Developmental Math	Cr Hr
	MT 010 – KYAE Math *Compass score 0-23 in Pre-Algebra*	0
	MT 50 – Developmental Math Workshop **AND** **MAT 65 – Basic Algebra** *Compass score 24-41 in Pre-Algebra* (or MAT 55)	1-2 3
	MAT 65 – Basic Algebra *Compass score 16-30 in Algebra*	3
	MAT 85 – Intermediate Algebra *Compass score 31-35 in Algebra*	3
	MAT 100 – College Algebra Workshop *Compass score 36-49 in Algebra / ACT 19-21 -enroll concurrent in College Algebra (MAT 150)*	2
	Developmental Writing	
	EN 010 – KYAE English *(Compass score 26-38*	0
	ENG 100 – English Workshop **AND** **ENG 101 – Writing I** *Compass score 39-73* (or ENC 91)	2 3
	Developmental Reading	
	RD 010 – KYAE Reading *(Compass score 49-69)*	0
	RDG 100 – Reading Workshop **AND** **Pre-Selected General Education Course** *Compass score 70-82* (or RDG 30)	2 3
	RDG 41 – Reading Laboratory *(Compass score 83-84)*	1

College Success Courses As Needed: *It is strongly recommended that students complete a college success course. If a student is advised into two or three developmental education courses, it is strongly recommended they enroll in the 3 credit hour college success course.*

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.*