

Air Conditioning Technology

Student Name _____

Enrollment Date _____ Academic Year _____

Emplid _____ Scores: Math _____

Reading _____

Writing _____

Progression in the Air Conditioning Technology program is contingent upon achievement of a grade of C or greater in each technical course and maintenance of a 2.0 cumulative grade point average or above (on a 4.0 scale).

Additional Expenses: EPA Certification Test fee of \$45.00 required

CERTIFICATE – ENVIRONMENTAL SYSTEM REPAIR HELPER:

10 Total Credit Hours

Required Scores: None	Cr Hr	Grade
ACR 100 Refrigeration Fundamentals <i>Coreq: ACR 101</i>	3	
ACR 101 Refrigeration Fundamentals Lab <i>Coreq: ACR 100</i>	2	
ACR 102 HVAC Electricity (or ACR 130) <i>Coreq: ACR 103</i>	3	
ACR 103 HVAC Electricity Lab (or ACR 131) <i>Coreq: ACR 102</i>	2	
Comparable Electrical Course: (EET 154 and EET 155) or (ETT 112 and ETT 113) or (ELT 110 and ELT 114) or (IMT 110 and IMT 111)		

CERTIFICATE – ENVIRONMENTAL CONTROL SYSTEM

SERVICER: 26 Total Credit Hours

Required Scores: Pre-Algebra-42 / Reading-80 / Writing-64	Cr Hr	Grade
ACR 100 Refrigeration Fundamentals <i>Coreq: ACR 101</i>	3	
ACR 101 Refrigeration Fundamentals Lab <i>Coreq: ACR 100</i>	2	
ACR 102 HVAC Electricity <i>Coreq: ACR 103</i>	3	
ACR 103 HVAC Electricity Lab <i>Coreq: ACR 102</i>	2	
Comparable Electrical Course: (EET 154 and EET 155) or (ETT 112 and ETT 113) or (ELT 110 and ELT 114) or (IMT 110 and IMT 111)		
ACR 130 Electrical Components <i>Prereq: ACR 102</i> <i>Coreq: ACR 131</i>	3	
ACR 131 Electrical Components Lab <i>Prereq: ACR 102</i> <i>Coreq: ACR 130</i>	2	
ACR 250 Cooling and Dehumidification <i>Prereq: ACR 100 and ACR 101</i> <i>Coreq: ACR 251</i>	3	
ACR 251 Cooling and Dehumidification Lab <i>Prereq: ACR 100 and ACR 101</i> <i>Coreq: ACR 250</i>	2	
ACR 260 Heating and Humidification <i>Prereq: ACR 102 and ACR 103</i> <i>Coreq: ACR 261</i>	3	
ACR 261 Heating and Humidification Lab <i>Prereq: ACR 102 and ACR 103</i> <i>Coreq: ACR 260</i>	3	

CERTIFICATE – DOMESTIC AIR CONDITIONER AND FURNACE

INSTALLER: 37 Total Credit Hours

Required Scores: Pre-Algebra-42 / Reading-80 / Writing-64	Cr Hr	Grade
ACR 100 Refrigeration Fundamentals <i>Coreq: ACR 101</i>	3	
ACR 101 Refrigeration Fundamentals Lab <i>Coreq: ACR 100</i>	2	
ACR 102 HVAC Electricity <i>Coreq: ACR 103</i>	3	
ACR 103 HVAC Electricity Lab <i>Coreq: ACR 102</i>	2	
Comparable Electrical Course: (EET 154 and EET 155) or (ETT 112 and ETT 113) or (ELT 110 and ELT 114) or (IMT 110 and IMT 111)		
ACR 130 Electrical Components <i>Prereq: ACR 102</i> <i>Coreq: ACR 131</i>	3	
ACR 131 Electrical Components Lab <i>Prereq: ACR 102</i> <i>Coreq: ACR 130</i>	2	
ACR 170 Heat Load/Duct Design <i>No prerequisite</i>	3	
ACR 250 Cooling and Dehumidification <i>Prereq: ACR 100 and ACR 101</i> <i>Coreq: ACR 251</i>	3	
ACR 251 Cooling and Dehumidification Lab <i>Prereq: ACR 100 and ACR 101</i> <i>Coreq: ACR 250</i>	2	
ACR 260 Heating and Humidification <i>Prereq: ACR 102 and ACR 103</i> <i>Coreq: ACR 261</i>	3	
ACR 261 Heating and Humidification Lab <i>Prereq: ACR 102 and ACR 103</i> <i>Coreq: ACR 260</i>	3	
ACR 270 Heat Pump Application <i>Prereq: (ACR 100 and ACR 102) or Consent of Instructor</i> <i>Coreq: ACR 271</i>	3	
ACR 271 Heat Pump Application Lab <i>Prereq: (ACR 100 and ACR 102) or Consent of Instructor</i> <i>Coreq: ACR 270</i>	2	
ACR 290 Journeyman Preparation <i>(This class should be taken at the end of the program)</i> <i>(Not required for Diploma or Degree – can be taken as technical elective)</i>	3	

DIPLOMA - HEATING, VENTILATION, AND AIR CONDITIONING MECHANIC: (DOMESTIC AIR CONDITIONER AND FURNACE INSTALLER CERTIFICATE (34 Hours) PLUS 8-11 credit hours in technical electives PLUS 0-3 credit hours in Computer/Digital Literacy PLUS 6 credit hours in General Education): 48-54 Total Credit Hours

Required Scores: Algebra – 25 / Reading – 85 / Writing – 74	Cr Hr	Grade	Course(s)
Recommended Electives: ACR 200, ACR 201, ACR 290, PLB 100, PLB 105, WLD 120, WLD 121	8-11		
Computer/Digital Literacy course or competency demonstrated by exam <i>Rec. CIT 105</i>	0-3		
General Education			
Area 1 = Written Communication, Oral Communications or Heritage / Humanities <i>Rec. ENG 101 or COM 181 or COM 252</i>	3		
Area 2 = Social / Behavioral Sciences, Natural Sciences or Quantitative Reasoning <i>Rec. MAT 110 or higher level mathematics or Science course</i>	3		

GENERAL OCCUPATIONAL / TECHNICAL STUDIES AAS DEGREE: (DOMESTIC AIR CONDITIONER AND FURNACE INSTALLER CERTIFICATE (34 Hours) PLUS 9-11 credit hours in technical electives PLUS 0-3 credit hours in Computer/Digital Literacy PLUS 18 credit hours in General Education): 61-66 Total Credit Hours

Required Scores: Algebra – 25 / Reading – 85 / Writing – 74	Cr Hr	Grade	Course(s)
Recommended Electives: ACR 200, ACR 201, ACR 290, PLB 100, PLB 105, WLD 120, WLD 121	9-11		
Computer/Digital Literacy course or competency demonstrated by exam <i>Rec. CIT 105</i>	0-3		
General Education			
Heritage / Humanities <i>Prereq: See Compass / ACT score requirement</i>	3		
Natural Sciences <i>Prereq: See Compass / ACT score requirement</i>	3		
Oral Communications <i>Prereq: See Compass / ACT score requirement</i>	3		
Quantitative Reasoning <i>Rec. MAT 110 or higher level mathematics</i>	3		
Social / Behavioral Sciences <i>Prereq: See Compass / ACT score requirement</i>	3		
Written Communications <i>Rec. ENG 101</i>	3		

College Success Courses	Cr Hr
GEN 100 Introduction to College <i>No prerequisite</i>	1
GEN 102 Foundations of Learning <i>No prerequisite</i>	3

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 Math	Cr Hr
MT 010 – KYAE Math <i>Compass score 0-23 in Pre-Algebra</i>	0
MT 50 – Developmental Math Workshop AND MAT 65 – Basic Algebra <i>Compass score 24-41 in Pre-Algebra (or MAT 55)</i>	1-2 3
MAT 65 – Basic Algebra <i>Compass score 16-30 in Algebra</i>	3
MAT 85 – 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	
EN 010 – KYAE English <i>Compass score 26-38</i>	0
ENG 100 – English Workshop AND ENG 101 – Writing I <i>Compass score 39-73 (or ENC 91)</i>	2 3
Developmental Reading	
RD 010 – KYAE Reading <i>Compass score 49-69</i>	0
RDG 100 – Reading Workshop AND Pre-Selected General Education Course <i>Compass score 70-82 (or RDG 30)</i>	2 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.

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: _____

Student: _____

Advisor: _____

Advisor: _____

Date: _____

Date: _____