

7Diploma in Applied Science
Air Conditioning/Refrigeration Mechanics (DAS.ACR 15390)

Total Credit Hours: 47
Effective: Fall 2020

Graduation Plan

First Semester			
	Credit Hours	Pre-requisites	Recommended Terms
COL 101 College Orientation	1.0		1 st 8 week FA
*ACR 150 Basic Sheetmetal	2.0	RDG 031 or equivalent	1 st 8 week FA
*BCT 105 Tool Usage and Safety	2.0	RDG 031 or equivalent	1 st 8 week FA
*BCT 111 Blueprint Reading & Specifications	3.0		1 st 8 week FA
*BCT 221 Construction Building Codes	3.0	RDG 031 or equivalent	1 st 8 week FA
*ACR 206 Advanced Electricity	2.0		1 st 8 week FA
MAT 155 Contemporary Mathematics	3.0	MAT 033 or equivalent	1 st 8 week FA
TOTAL	16.0		
Second Semester			
	Credit Hours	Pre-requisites	Recommended Terms
*ACR 108 Refrigeration Fundamentals	3.0	RDG 031 or equivalent Co-requisite: ACR 206, BCT 105	2 nd 8 week SP
*ACR 110 Heating Fundamentals	4.0	RDG 031 or equivalent Co-requisite: ACR 206, BCT 105	1 st 8 week SP
*ACR 120 Basic Air Conditioning	4.0	ACR 108 or equivalent	1 st 8 week SP
*ACR 210 Heat Pumps	4.0	Co-requisite: ACR 120	1 st 8 week SP
ECO 101 Basic Economics OR PSY 105 Personal/Interpersonal Psychology	3.0	Co-requisite: ENG 032 or equivalent	1 st 8 week SP
TOTAL	18.0		
Third Semester			
	Credit Hours	Pre-requisites	Recommended Terms
*ACR 220 Advanced Air Conditioning	4.0	ACR 120	1 st 8 week SU
*BCT 243 Energy Efficiency & Weatherization	3.0	RDG 031 or equivalent	1 st 8 week SU
*EGR 110 Introduction to Computer Environment	3.0	RDG 031 or equivalent	3 rd 4 week SU
ENG 155 Communications I	3.0	Co-requisite: ENG 032 or equivalent	1 st 8 week SU
TOTAL	13.0		

* Courses in this program that require a minimum grade of "C."