

**Associate in Applied Science
General Technology
Air Conditioning/Refrigeration (AAS.GT.GTACR 35318)**

**Total Credit Hours: 63
Effective: Fall 2021**

Completion Plan

First Semester			
	Credit Hours	Pre-requisites	Recommended Terms
*COL 101 College Orientation	1.0		
*BCT 105 Tool Usage and Safety	2.0	RWR 032	1 st 8 week - FA
*BCT 111 Blueprint Reading & Specs	3.0		1 st 8 week – FA
*BCT 221 Construction Building Codes	3.0	RWR 032	1 st 8 week – FA
*ACR-206 Advanced Electricity	2.0	RWR 032	1 st 8 week – FA
*ACR 150 Basic Sheet metal	2.0	RWR 032	2 nd 8 week - FA
*ACR 108 Refrigeration Fundamentals	3.0	RWR 032, Pre-requisite or Co-requisite: ACR 206, BCT 105	2 nd 8 week - FA
TOTAL	16.0		
Second Semester			
	Credit Hours	Pre-requisites	Recommended Terms
*ACR 110 Heating Fundamentals	4.0	RWR 032 or equivalent, Pre-requisite or Co-requisite: ACR 206, BCT 105	2 nd 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	Pre-requisite or Co-requisite: ACR 120	2 nd 8 week - SP
*MAT 155 Contemporary Mathematics	3.0	MAT 033 or equivalent – minimum grade of C	1 st 8 week - SP
TOTAL	15.0		
Third Semester			
	Credit Hours	Pre-requisites	Recommended Terms
*ACR 220 Advanced Air Conditioning	4.0	ACR 120	8 week - SU
*BCT 243 Energy Efficiency & Weatherization	3.0	RWR 032 or equivalent	8 week - SU
*ENG 155 Communications I	3.0	Co-requisite: ENG 032 or equivalent	8 week - SU
*BCT 230 Bidding, Contracts & Specifications (or BCT 159)	3.0		2 nd 4 week - SU
*EGR 110 Introduction to Computer Environment	3.0	RWR 032 or equivalent	2 nd 4 week - SU
TOTAL	16		

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

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Fourth Semester			
	Credit Hours	Pre-requisites	Recommended Terms
HSS 205 Technology and Society	3.0	Co-requisite: ENG 032 or equivalent	1 st 8 week - FA
*BCT 106 Beginning Woodworking (or BCT 151)	2.0	RWR 032 or equivalent; Co-requisite BCT 105	1 st 8 week - FA
*BCT 157 Residential/Commercial Plumbing Codes	3.0		2 nd 8 week-FA
PSY 105 Personal/Interpersonal Psychology	3.0	Co-requisite: ENG 032	2 nd 8 week - FA
*BCT 139 Advanced Residential Wiring	3.0	RWR 032 or equivalent; BCT 105, BCT 111, ACR 206	2 nd 8 week - FA
*BCT 140 Commercial Wiring	3.0	RWR 032 or equivalent; BCT 105, BCT 111, ACR 206	2 nd 8 week - FA
TOTAL	17.0		
Fifth Semester			
	Credit Hours	Pre-requisites	Recommended Terms
ECO-101 Basic Economics	3.0	ENG 032 or equivalent	4 nd 8 week - SP
*BCT 151 Introduction to Plumbing (or BCT-106)	3.0	RWR 032 or equivalent	1 st 8 week - SP
*BCT 157 Residential/Commercial Codes (or EEM-141)	3.0		1 st 8 week - SP
*BCT 159 Plumbing Install and Repair (or BCT-230)	3.0	RWR 032 or equivalent; BCT 105, BCT 151	2 nd 8 week - SP
TOTAL	12.0		

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