Program Completion Guide
ASSOCIATE IN APPLIED SCIENCE
AIR CONDITIONING, HEATING, AND REFRIGERATION TECHNOLOGY (A35100)
Heating and AC Technician

Student Name: _____ ID #: _____ Date of Enrollment: _____

Advisor Name: _____ Contact Information: _____

Note: Developmental coursework may be required. Please refer to the Developmental Education Guide for additional information.

A. Air Conditioning Certificate (C35100C) Course Requirements 13 credit hours: Complete Section A.

Courses	Cr.	Recommended Semester	Prerequisites/ Corequisites	Semester Registered/ Planned	Semester Completed/ Grade
AHR 110 Intro to Refrigeration*	5	1st year – fall	None		
AHR 111 HVACR Electricity*	3	1st year – fall	None		
AHR 113 Comfort Cooling* (not required for heating certificate)	4	1st year – fall	None		
AHR 160 Refrigerant Certification	1	1st year – spring	None		

B. Heating Certificate (C35100H) Course Requirements 17 credit hours: Complete Sections A and B.

Courses	Cr.	Recommended Semester	Prerequisites/ Corequisites	Semester Registered/ Planned	Semester Completed/ Grade
AHR 112 Heating Technology*	4	1st year – spring	None		
AHR 114 Heat Pump Technology*	4	1st year – spring	Pre: AHR 110 or AHR 113		

C. Air Conditioning, Heating, and Refrigeration Technology (D35100) Course Requirements 36 credit hours: Complete Sections A, B, and C.

Courses	Cr.	Recommended Semester	Prerequisites/ Corequisites	Semester Registered/ Planned	Semester Completed/ Grade
ACA 122 College Transfer Success	1	1st year – fall	None		
AHR 180 HVACR Customer Relations	1	1st year – fall	None		
CIS 110 Introduction to Computers	3	1st year – fall	Pre: ENG 002 or BSP 4002 or ENG 111		
AHR 151 HVAC Duct Systems I	2	1st year – spring	None		
BUS 110 Introduction to Business **or** BUS 230 Small Business Management	3	1st year – spring	Pre: ENG 002 or BSP 4002 or ENG 111		
ENG 102 Applied Communications II *(Required only for diploma.)*	3	1st year spring	None		
MAT 110 Math Measurement and Literacy	3	2nd year – fall	Pre: MAT 003 or BSP 4003 Co: MAT 010		

D. Air Conditioning, Heating, and Refrigeration Technology Associate in Applied Science Degree (A35100) Course Requirements 65 credit hours: Complete Sections A, B, C, and D.

Courses	Cr.	Recommended Semester	Prerequisites/ Corequisites	Semester Registered/ Planned	Semester Completed/ Grade
ENG 111 Writing and Inquiry	3	1st year spring	Pre: ENG 002 or BSP 4002 Co: ACA 122, ENG 011		
AHR 115 Refrigeration Systems	2	2nd year – fall	Pre: AHR 110		

AHR 211 Residential Systems Design*	3	2nd year – fall	None		
AHR 213 HVACR Building Code*	2	2nd year – fall	None		
COM 231 Public Speaking	3	2nd year – fall	Pre: ENG 002 or BSP 4002 or ENG 111		
AHR 130 HVAC Controls*	3	2nd year - spring	Pre: AHR 111 or ELC 111		
AHR 120 HVACR Maintenance or WBL 111 Work-Based Learning I and WBL 115 Work-Based Learning Seminar I	2 1 1	2ND year-spring	None Pre: 9 or 14 SHC in the major core courses depending on program Co: WBL 115 Pre: 9 or 14 SHC in the major core courses depending on program Co: WBL 111		
AHR 212 Advanced Comfort Systems*	4	2nd year - spring	Pre: AHR 114		
AHR 235 Refrigeration Design	3	2nd year - spring	Pre: AHR 110		

Electives: (All degree seeking students <u>must</u> take one Humanities/Fine Arts and one Social/Behavioral Sciences elective from lists below unless a specific course is required above.)

Humanities/Fine Arts Electives (3 credit hours)** (Courses with the following prefixes will satisfy this requirement: ART, DRA, ENG (literature courses only), HUM, MUS, PHI, REL, and SPA (Intermediate Spanish I only).			
Courses offered at RCC: ART 111, DRA 111, ENG 131, ENG 231, ENG 232, MUS 110, PHI 240, REL 211, REL 212			
Course	**Recommended Semester**	**Semester Registered/Planned**	**Semester Completed/Grade**
	2nd year – fall		

Social/Behavioral Sciences Electives (3 credit hours)** (Courses with the following prefixes will satisfy this requirement: ANT, ECO+, GEO, HIS, POL, PSY, and SOC) +Some business and accounting curricula require economics and do not accept ECO courses as fulfillment of this elective requirement.)			
Courses offered at RCC: ANT 220, HIS 111, HIS 112, HIS 131, HIS 132, PSY 150, PSY 241, SOC 210, SOC 213			
Course	**Recommended Semester**	**Semester Registered/Planned**	**Semester Completed/Grade**
	2nd year - spring		

NOTES: *All courses must be completed with a grade of "C" or better.
**See course catalog for prerequisite and/or corequisite requirements.

Students please read the following and sign below.
I understand that as an RCC student, I am ultimately responsible for my schedule. I understand that I must complete each course with a grade of "C" or better and follow the established course sequence or my ability to graduate on time may be affected.
My advisor has information regarding other colleges and transfer opportunities that I can investigate after completing my degree/diploma/certificate, and I understand that if I would like more information I can schedule an appointment with him/her.

Student Name: _____ Student Signature: _____ Date: _____

Advisor Name: _____ Advisor Signature: _____ Date: _____

Student Name: _____ Student Signature: _____ Date: _____

Advisor Name: _____ Advisor Signature: _____ Date: _____

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