



Program Completion Guide

ASSOCIATE IN APPLIED SCIENCE - AIR CONDITIONING, HEATING, AND REFRIGERATION TECHNOLOGY

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

Section I: Developmental Courses (if needed)

Courses	Scores	Cr.	Prerequisites/ Corequisites	Grade	Notes/Semester
DMA 010 Operations with Integers	<7 on DAP	1	Pre: None		
DMA 020 Fractions and Decimals	<7 on DAP	1	Pre: DMA 010		
DMA 030 Propor/Ratio/Rate/Percent	<7 on DAP	1	Pre: DMA 010-020		
DMA 040 Express/Lin Equat/Inequal	<7 on DAP	1	Pre: DMA 010-030 or MAT 060		
DMA 050 Graphs/Equations of Lines	<7 on DAP	1	Pre: DMA 010-040 or DMA 040 and MAT 060		
DRE 096 Integrated Reading and Writing	72-91 +	3	Pre: None		
DRE 097 Int. Reading Writing II	91-128 +	3	Pre: DRE 096		
DRE 098 Int. Reading Writing III	129-165 +	3	Pre: DRE 097		
	+Reading Comprehension PLUS Sentence Skills Scores				

Section II:

A. Air Conditioning Certificate (C35100C) Course Requirements 13 credit hours: Complete Section I (as required) and Section II, A.

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

B. Heating Certificate (C35100H) Course Requirements 17 credit hours: Complete Section I (as required) Section II, A and B.

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

C. Air Conditioning, Heating, and Refrigeration Technology (D35100) Course Requirements 36 credit hours: Complete Section I (as required) and Section II, A, B and C.

Courses	Cr.	Recommended Semester	Prerequisites/ Corequisites	Semester Registered/ Planned	Semester Completed/ Grade
ACA 122 College Transfer Success	1	1 st year – fall	None		
AHR 180 HVACR Customer Relations	1	1 st year – fall	None		
CIS 110 Introduction to Computers	3	1 st year – fall	Pre: CIS 070, DRE 097 Co: DRE 098 or RED 090		
AHR 151 HVAC Duct Systems I	2	1 st year – spring	None		
BUS 110 Introduction to Business	3	1 st year – spring	Pre: DRE 097 Co: DRE 098 or RED 090		
or BUS 230 Small Business Management	3	1 st year – spring	Pre: DRE 098 or RED 090		
ENG 111 Writing and Inquiry	3	1 st year – spring	Pre: DRE 098 or ENG 090 and RED 090 Co: ACA 115 or ACA 122		
MAT 143 Quantitative Literacy	3	2 nd year – fall	Pre: DMA 010-050, DRE 098 Co: ACA 115 or ACA 122		



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

Courses	Cr.	Recommended Semester	Prerequisites/ Corequisites	Semester Registered/ Planned	Semester Completed/ Grade
AHR 115 Refrigeration Systems	2	2 nd year – fall	Pre: AHR 110		
AHR 211 Residential Systems Design*	3	2 nd year – fall	None		
AHR 213 HVACR Building Code*	2	2 nd year – fall	None		
COM 231 Public Speaking	3	2 nd year – fall	Pre: DRE 098 or ENG 090 and RED 090		
AHR 130 HVAC Controls *	3	2 nd year - spring	Pre: AHR 111 or ELC 111		
AHR 120 HVACR Maintenance	2	2 nd year – spring	None		
AHR 212 Advanced Comfort Systems*	4	2 nd year - spring	Pre: AHR 114		
AHR 235 Refrigeration Design	3	2 nd year - spring	Pre: AHR 110		

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

Course	Recommended Semester	Semester Registered/Planned	Semester Completed/Grade
Humanities/Fine Arts Electives (3 credits) ** (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, SPA 211			
	2 nd year – fall		

Course	Recommended Semester	Semester Registered/Planned	Semester Completed/Grade
Social/Behavioral Sciences Electives (3 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			
	2 nd year - spring		

NOTES: * Core Courses: Must have a grade of "C" or better
** See course catalog for prerequisite/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 do the following or it may affect my ability to graduate on time.

- Complete all core courses with a grade of C or better
- Successfully complete all courses.
- Follow the established course sequence.

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: _____

Student Name: _____ Student Signature: _____ Date: _____

Advisor Name: _____ Advisor Signature: _____ Date: _____

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