

Heating and Air Conditioning Diploma Courses

Award	Diploma
Credits	44
Program Start	Fall
Time to Complete	1 year

2023–2024 Suggested Sequence of Study



The following suggested sequence of study is for new full-time students starting the program Fall 2023. Part-time students should visit with a program advisor for a modified sequence of study.



When registering for classes refer to Self-Service > Student Planning to view your specific program requirements, your progress, and ensure proper registration.



Courses are subject to change.

- ◆ General education course.
- ▣ Non-transfer general education course.
- ▶ Course has a prerequisite and/or corequisite.
- Course meets 100% online.
- E Course meets face-to-face after 5:00pm.

Term 1

HCR-181 Introduction to HVACR	4WK1	3
HCR-455 Applied Electricity for HVACR	4WK2	4
HCR-456 Applied Electricity II	4WK3	4
HCR-115 Residential Heating Systems	4WK4	4
MAT-772 Applied Math -OR-		3
Math Elective		3
Total Credits		18

Term 2

HCR-137	Hydronic Heating Systems	4WK1	3
HCR-143	Alternative Heating and Cooling Systems	4WK2	4
HCR-171	Refrigeration	4WK3	4
HCR-204	Principles of Air Conditioning	4WK4	4
COM-730	Communications		3
Total Credits			18

Term 3 — Summer

HCR-264	Applied Practices		3
HCR-429	HVAC App Controls with Automated Systems		2
HCR-933	Internship — Air Conditioning		3
Total Credits			8

Math Electives

MAT-102	Intermediate Algebra		4
MAT-110	Math for Liberal Arts ►		3
MAT-121	College Algebra ►		4
MAT-128	Precalculus ►		4
MAT-134	Trigonometry and Analytic Geometry ►		3
MAT-156	Statistics ►		3
MAT-210	Calculus I ►		4
MAT-216	Calculus II ►		4
MAT-219	Calculus III ►		4