

# Heating and Air Conditioning Diploma Courses

<b>Award</b>	Diploma
<b>Credits</b>	44
<b>Program Start</b>	Fall
<b>Time to Complete</b>	1 year

## 2022–2023 Suggested Sequence of Study

 **The following suggested sequence of study is for new full-time students starting the program Fall 2022.** 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- Math Elective		3 3
<b>Total Credits 18</b>		

## Term 2

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

## Term 3 — Summer

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

## 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