

## Refrigeration, Heating, & Air Conditioning

### Refrigeration, Heating, & Air Conditioning

OWENS CAMPUS

Fall 2021

*This program offers the opportunity to develop skills leading to the award of an A.A.S. Degree in Refrigeration, Heating, and Air Conditioning. The curriculum is designed to provide the student with practical and theoretical knowledge of refrigeration, heating, and air conditioning systems. The technical courses combine classroom theory with practical, hands-on training. Related courses are intended to prepare students for professional and technical career opportunities. The degree is awarded to students who complete all required technical and related courses. Diploma and Certificate options are available.*

#### PROGRAM SPECIFIC ADVISEMENT STATEMENT

<b>Courses - Semester 1</b>	<b>Credits</b>	<b>Lecture</b>	<b>Lab</b>
<a href="#">SSC 100 - First Year Seminar</a>	1	1	0
<a href="#">ACR 101 - HVAC Electricity</a>	5	4	4
<a href="#">ACR 102 - Fundamentals of Refrigeration</a>	5	4	4
<a href="#">ACR 120 - Employee Development Seminar</a>	2	2	1
<a href="#">MAT 152 - Quantitative Reasoning</a>	3	3	
<a href="#">NRG 101 - Intro to Energy Management</a>	3	2	2
<b>Courses - Semester 2</b>	<b>Credits</b>	<b>Lecture</b>	<b>Lab</b>
<a href="#">ACR 104 - Residential Climate Control</a>	5	4	4
<a href="#">ACR 105 - Residential Heating I</a>	5	4	4
<a href="#">ENG 101 - Composition I</a>	3	3	0
<a href="#">ACR 150 - Industry Competency Exam I</a>	1	1	0
<a href="#">ACR 151 - Industry Competency Exam II</a>	1	1	0
<a href="#">ACR 114 - EPA Seminar and Exam</a>	1	1	0
<b>Courses - Semester 3</b>	<b>Credits</b>	<b>Lecture</b>	<b>Lab</b>
<a href="#">ACR 202 - Commercial Refrigeration</a>	3	2	4
<a href="#">ECO 111 - Macroeconomics</a>	3	3	0
<a href="#">(AET 236 - Building Service Systems</a>	3	2	2
OR <a href="#">NRG 111 - Res/Light Comm Energy Analysis</a> )	3	2	2
<a href="#">SOC 103 - Sustainability and Society</a>	3	3	
<a href="#">(PSY 100 - Human Relations</a>	3	3	0
OR <a href="#">PSY 121 - General Psychology</a> )	3	3	0
<a href="#">NRG 108 - Safety Basics</a>	1	1	1
<b>Courses - Semester 4</b>	<b>Credits</b>	<b>Lecture</b>	<b>Lab</b>
<a href="#">ACR 204 - Residential Heating II</a>	3	2	2
<a href="#">ACR 115 - Air Distribution &amp; Balancing</a> )	3	3	1
<a href="#">(CIS 107 - Intro to Computers/Application</a>	3	2	2
OR <a href="#">OAT 152 - Excel</a> )	3	2	2
<a href="#">ENG 102 - Composition II</a>	3	3	0
<a href="#">CMT 111 - Construction Print Reading</a>	3	2	2

*To complete program requirements, you must pass the above courses and earn at least **66 credits**. The number of courses and credits required for graduation may be more depending on your need for developmental education courses and the elective choices you make (if electives are a part of the program). Some programs also have college-level courses that you must take if you do not score at a certain level on the College Placement Test. If this applies to your program, the courses are listed at the top of the sequence sheet before the first semester of the course list.*