

AIR CONDITIONING & REFRIGERATION TECHNOLOGY

Associate in Applied Science 85 Credit Hours Fall Start

First Semester (14 Hours)

	Program Requirements	Hours	✓	General Education Courses	Hours	✓
	ACR 1121 Introduction to ACR	1		ORIE 1011 College Strategies	1	
甘	ACR 1126 ACR System Applications	6		CS 1013 Computer Literacy & Applications	3	
표				ENGL 1033 Technical Writing I ★® <u>OR</u> ENGL 1113 Freshman Composition I ®	3	
				COWBOY UP! New Student Orientation	0	

Second Semester (13 Hours)

	Program Requirements	Hours	✓	General Education Courses	Hours	✓
	ACR 1111 EPA Certification Information	1		SPCH 2313 Small Group Communications * OR SPCH 1113 Intro to Speech Communications	3	
ᆵ	ACR 1203 Electrical Controls	3				
	ACR 1206 Electrical Control Applications Corequisite: ACR 1203	6				

Third Semester (15 Hours)

	Program Requirements	Hours	$ \checkmark $	General Education Courses	Hours	✓
1st	ACR 1336 Residential A/C & Heating Systems Prerequisites: ACR 1126, ACR 1203 and ACR 1206	6				
Ä	ACR 1343 Electronic Control Applications Prerequisites: ACR 1203 and ACR 1206	3				
2nd	ACR 2806 ACR Internship Prerequisites: ACR 1126, ACR 1203, ACR 1206, ACR 1336 and a 2.0 GPA or higher	6				

Fourth Semester (16 Hours)

	Program Requirements	Hours	✓	General Education Courses	Hours	✓
1st	ACR 2906 ACR Internship Prerequisites: ACR 1336, ACR 2806 and a 2.0 GPA or higher	6				
Б	ACR 1344 Unitary Refrigeration Prerequisites: ACR 1126, ACR 1203 and ACR 1206	4		POLS 1113 US Government	3	
2r	ACR 2603 Commercial Air Conditioning Prerequisites: ACR 1343 and ACR 2806	3				

Fifth Semester (15 Hours)

	Program Requirements	Hours	 	General Education Courses	Hours	✓
	ACR 2406 Commercial Refrigeration Applications Prerequisites: ACR 1126, ACR 1343 and ACR 1344	6				
۰	ACR 2443 Systems Controls Prerequisite: ACR 1343	3				
FULL	ACR 2513 Air Systems Design	3				
	Approved Technical Elective CNS 1213 Construction Safety OSHA 30 Hour OR GTCT 1183 Welding	3				

 $\textbf{FULL} = \textbf{Full Semester Class} \hspace{0.2cm} | \hspace{0.2cm} \textbf{1st} = \textbf{First Half Class} \hspace{0.2cm} | \hspace{0.2cm} \textbf{2nd} = \textbf{Second Half Class}$

2024-2025 Program Plan of Study Revised 5.03.24 JKG

^{*} Recommended

¹ Corequisite strategies course available. See advisor for details.

Sixth Semester (12 Hours)

	Program Requirements	Hours	√	General Education Courses	Hours	✓
=	ACR 2623 Mechanical Codes Prerequisite: ACR 1336	3		HIST 1483 US History to 1865 <u>OR</u> HIST 1493 US History since 1865	3	
윤	ACR 2653 ACR Technology Capstone Prerequisite: ACR 2603; Corequisite: ACR 2623	3		Approved General Education Elective Consult with advisor for an approved list of electives.	3	

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