

AIR CONDITIONING & REFRIGERATION, ASSOCIATE OF APPLIED SCIENCE

Curriculum

The matrix below is a sample plan for all coursework required for this program.

Course	Title	Hours	Completed
First Semester			
ACR 1203	Fundamentals of Electricity	3	_____
ACR 1205	Tubing and Piping	5	_____
ACR 1301	Industrial Safety in Air Conditioning and Refrigeration	1	_____
ACR 1302	Basic Compression and Refrigeration	2	_____
ENGL 1013	Composition I	3	_____
TMAT 1203	Technical Mathematics	3	_____
	Hours	17	
Second Semester			
ACR 1222	Industrial Controls	2	_____
ACR 1503	Electronic Components	3	_____
ACR 1602	Schematics	2	_____
ACR 2102	Residential Systems	2	_____
ACR 2104	Heat Gain and Loss	4	_____
ENGL 1023	Composition II	3	_____
	Hours	16	
Third Semester			
WLD 1403	Welding for Trades and Industry	3	_____
SS 1XXX	Social Science Courses	3	_____
ACR 2134	Boiler Operations	4	_____
BST 1303 or CIS 1113	Introduction to Computers or Fundamental Computer Operation	3	_____
	Hours	13	
Fourth Semester			
ACR 2114	Commercial Refrigeration	4	_____
ACR 2124	Sheet Metal	4	_____
	Hours	8	
Summer			
ACR 2112 or ACR 2122	Air Conditioning Service or Occupational Safety and Health Administration-10	2	_____
ACR 2994 or INT 2904	SPECIAL TOPICS FOR AIR CONDITIONING AND REFRIGERATION or Internship	4	_____
	Hours	6	
	Total Hours	60	

¹ See appropriate alternatives or substitutions in "General Education Requirements".