

AIR CONDITIONING & REFRIGERATION, ASSOCIATE OF APPLIED SCIENCE - FACILITIES MANAGEMENT OPTION

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	_____
WLD 1302	Metallurgy	2	_____
	Hours	16	
Second Semester			
ACR 1222	Industrial Controls	2	_____
ACR 1503	Electronic Components	3	_____
ACR 1602	Schematics	2	_____
FAC 2202	Carpentry	2	_____
FAC 2212	Plumbing	2	_____
TMAT 1203	Technical Mathematics	3	_____
	Hours	14	
Third Semester			
FAC 2104	Construction Fundamentals (or Approved Elective)	4	_____
BST 2143	Introduction to Management	3	_____
BST 1303 or CIS 1113	Introduction to Computers or Fundamental Computer Operation	3	_____
AT 2123	INDUSTRIAL FLUID POWER	3	_____
Approved Elective		3	_____
	Hours	16	
Fourth Semester			
INT 2904	Internship	4	_____
SS 1XXX	Social Science Courses	3	_____
ENGL 1023	Composition II	3	_____
FAC 2222	Grounds Maintenance	2	_____
WLD 1403	Welding for Trades and Industry	3	_____
	Hours	15	
	Total Hours	61	

¹ See appropriate alternatives or substitutions in "General Education Requirements". (Suggested approved electives include: AST 1004 Gasoline Engine Theory, BST 1073 Accounting, CRT 1124 Painting I, AT 1163 FUND ELECTRICITY I (DC CRCTS) and AT 1173 FUND ELECTRICITY II (AC CRCTS).

*Usually offered in Summer