

AIR CONDITIONING & REFRIGERATION PROGRAM

TECHNICAL CERTIFICATE IN AIR CONDITIONING AND REFRIGERATION

Curriculum

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

Fall

Course Number and Name	Credits
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
BST 1003 Business English	3
TMAT 1203 Technical Mathematics	3
Total Hours	17

Spring

Course Number and Name	Credits
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
Total Hours	13

1st Summer Session (five-week courses)

Course Number and Name	Credits
ACR 2112 Air Conditioning Service or ACR 2122	2
INT 2904 Internship or ACR 2994 SPECIAL TOPICS FOR AIR CONDITIONING AND REFRIGERATION	4
Total Hours	6