

PROGRAM OF STUDY

AIR CONDITIONING AND REFRIGERATION AS Degree for Employment Preparation

The Air Conditioning/HVACR program is a well established curriculum and has long served the desert community by providing highly trained individuals to work in various businesses throughout the Coachella Valley. The program offers a Certificate and Associate of Science degree for employment preparation that is designed to provide a wide range of courses in order to best serve student needs. In addition, required courses listed in the program are derived from the collaboration and dedicated efforts of members of a Technical Advisory Committee and other individuals' experiences in the specific occupational areas. For more information please call (760) 568-3238. Advisor: G. Brown

Career Opportunities in Air Conditioning/HVAC

Required Courses: 27 units

ACR 060	Air Conditioning/Refrigeration I	3
ACR 061	Air Conditioning/Refrigeration II	3
ACR 064	Air Conditioning/Refrigeration Electricity I	3
ACR 065	Air Conditioning/Refrigeration Electricity II	3
ACR 075	HVACR Systems Design	3
ACR 076	Facilities Maintenance/Chillers	3
ACR 078	Safe Refrigerant Handling & Management	3
ACR 080	Gas Heating	3
ACR 083	All Weather Heating & Cooling Systems	3

Electives - 13 units from the following courses:

		Units
ACR 077	Energy Conservation Methods for HVACR	3
ACR 095A	Air Cond/Refrigeration Work Experience	1
ACR 095B	Air Cond/Refrigeration Work Experience	2
ACR 095C	Air Cond/Refrigeration Work Experience	3
ACR 095D	Air Cond/Refrigeration Work Experience	4
ARCH 011	Architectural Blueprint Reading	3
AUTO 018	Automotive Heating & Air Conditioning	4
BIT 001	California Building Codes	3
BIT 002	Building & Mechanical Codes	3
BUAC 020A	Financial Accounting	4
BUAC 020A	Financial Accounting	4
BUAC 066	Fundamentals Of Bookkeeping	3
BUMA 020A	Business Law I	3
BUMA 028	Small Business: Development and Management	3
BUMA 031	Business Calculations	3
BUMA 094	Business Communications	3
CIS 010	Computer Literacy	4
ESYS 001	Introduction to the Power Industry	3
ESYS 002	Electricity and Electrical Theory	3
ESYS 003	Energy Systems Technology	3
ESYS 004	Industrial Calculations	3
WELD 010	Oxy-acetylene Gas Welding	3
WELD 011	Shielded Metal Arc Welding	3
WELD 012	Basic Gas Metal Arc Welding (MIG)	3

COD General Education Pattern: 18 units

Units

Physical Education Activities: 2 units

Units

Total Units

60

PID 177