

AIR CONDITIONING & REFRIGERATION

Program Description

This program prepares individuals to apply technical knowledge and skills to repair, install, service, and maintain the operating condition of air conditioning, and refrigeration systems. This includes instruction in diagnostic techniques, the use of testing equipment, the principles of mechanics, electricity, and electronics as they relate to the repair of air conditioning and refrigeration systems.

Campus

RIV

Award Type

AS, S

Career Opportunities

- Air Conditioning Mechanic
- Electro-Chemical Technician
- Government Construction Inspector
- Pipe Fitter
- Refrigeration Technician
- Steam Fitter
- Welding Technician

Wages

	Annual	Hourly
Air Conditioning & Heating Mechanic	\$45,246	\$23.56
Government Construction Inspector	\$62,748	\$32.68
Pipe Fitter	\$45,914	\$23.91
Steam Fitter	\$45,914	\$23.91
Welding Technician	\$54,925	\$28.60

Contact Information

Riverside - (951) 222-8228

AIR CONDITIONING & REFRIGERATION AS596/CE596 Certificate Program

Required Courses (26-27 units)		Units
AIR-50A	Air Conditioning and Refrigeration	5
AIR-50B	Advanced Refrigeration	5
AIR-51A	Environmental Control	5
AIR-51B	Industrial Commercial Refrigeration	5
AIR-53	Basic Electricity for Air Conditioning and Refrigeration	4
Electives (Choose from list below)		2-3

Electives (2-3 units)

CON-62	Blueprint Reading	3
ENE/MAN/WEL-34	Metals Joining Processes	2

Associate in Science Degree

The Associate in Science degree in Air Conditioning and Refrigeration will be awarded upon completion of the requirements for the certificate, plus completion of the graduation requirements as described in the catalog, as well as electives totaling 60 units of college work as required for the associate degree.

