

GOALS AND OBJECTIVES

Primary emphasis of this program is to prepare the student with job entry-level skills. Although further training must be done in the Sophomore classes, the student will have a strong background in fundamental skills of electricity, psychrometrics, communication skills, and gas heat.

CERTIFICATE

Electrical Systems Core (12 units)


To earn this certificate, complete the required courses as listed with a minimum grade of "C." At least 50% of all major course work must be completed at Cypress College.

CERTIFICATE

Electrical Systems Core Certificate = 12 units

Required courses are listed in numeric sequence:

| | | Units |
|-----------------|--|-----------|
| _____AC/R 036 C | Refrigerants, Charging and Recovery | 1 |
| _____AC/R 055 C | Technician Customer Relations | 2 |
| _____AC/R 105 C | Electricity for Air Conditioning and Refrigeration I | 3 |
| _____AC/R 115 C | Gas Heating and Carbon Monoxide | 2 |
| _____AC/R 125 C | Boiler and Hydronic Heating | 2 |
| _____AC/R 135 C | Solar Energy for Heat and Cool | <u>2</u> |
| | Total Units Required | 12 |

 **Key Tips:** You may opt to “double major” by applying some of these courses to other **Air Conditioning & Refrigeration Degree/Certificate Programs**. Remember to apply for certificates/degrees/graduation at the beginning of your last semester.

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