

# CERTIFICATE OF ACHIEVEMENT IN ENVIRONMENTAL CONTROL TECHNOLOGY (HVAC)

---

This certificate prepares students for entry-level employment in the field of Environmental Control Technology. Students completing this certificate will acquire skills in maintenance and troubleshooting, air conditioning, heating and refrigeration equipment.

## Program Outcomes

- Demonstrate competency in the necessary knowledge and skills required of a HVAC/R technician in the industry.

## Career Opportunities

Upon successful completion of this certificate, students will be prepared for employment in the following fields: service technician HVAC/R, wholesale counter person, outside sales, maintenance technician, sheet metal fabricator and sheet metal installer.

Code	Title	Units
REQUIRED CERTIFICATE COURSES		
ECT 242	Air Conditioning Sheet Metal	4
ECT 280	Electrical Theory and Applications of Controls for HVAC	4
ECT 281	Basic Air Conditioning	12
ECT 282	Advanced Air Conditioning/Refrigeration Commercial/Domestic	12
=		
TOTAL		32

ECT 242 may be substituted with other support classes listed in COS Catalog under ECT, with the approval of the Division Chair.

The Certificate of Achievement requirements include completion of the certificate courses with a "C" or better grade in each course. Required and support courses may be substituted with the approval of the Industry & Technology Division Chair.