

Heating, Ventilation, Air Conditioning and Refrigeration (HVAC-R) Technology—TC

Careers in heating, ventilation, air conditioning, and refrigeration—from installation, maintenance, service, sales and operations--can be found in every aspect of commerce, industry, and home ownership. The skills obtained from this program will prepare you for jobs ranging from that of the semi-skilled worker who performs the operational and maintenance tasks, to a plant superintendent who is responsible for the operation and maintenance of mechanical systems that may cost several million dollars.

An obstacle that lies in the path of the individual who hopes to acquire the needed basic and technical education to qualify for a good job in refrigeration and air conditioning is the fact that this is an industry with many specialized branches. In fact, the field is so broad that no one person could encompass it in its entirety. For this reason, the ambitious individual who seeks a career in this field should acquire a basic education in HVAC-R that will form a solid foundation for the technical education needed to qualify for a good job.

This technical certificate can be applied toward an Associate of Applied Science in General Technology degree.

TECHNICAL CERTIFICATE HVAC-R TECHNOLOGY

Total Program = 30 Credit Hours

The fifth digit in the course number indicates the number of credit hours.

Requirements—30 HOURS

ELTE	13503	AC/DC Circuits
ELTE	20103	Control Systems
HVAC	11043	Air Distribution
HVAC	12003	Materials
HVAC	13003	HVAC-R Components
HVAC	15003	HVAC-R Systems
HVAC	15043	Electrical Motors & Components
HVAC	20103	Heating Systems
COMM	12053	Career Communications (or higher)
MATH	10103	Technical Mathematics (or higher)

HVAC-R Technology—CP

CERTIFICATE OF PROFICIENCY HVAC-R TECHNOLOGY

Total Program = 12 Credit Hours

The fifth digit in the course number indicates the number of credit hours.

Requirements—12 HOURS

ELTE	13503	AC/DC Circuits
HVAC	11043	Air Distribution I
HVAC	12003	Materials
HVAC	13003	HVAC-R Components