

# Beginning Electricity & Refrigeration Certificate in Applied Science

## Mission Statement

The Air Conditioning and Refrigeration Department is dedicated to the training of students to meet the ever changing needs of the air conditioning/refrigeration industry. The program will be continually monitored and improved to meet employer needs through the department's advisory committee, which is composed of representatives from local AC/R companies. This certificate is the first step to provide the students with the needed theory and hands-on experience to obtain employment in the residential, commercial air conditioning and commercial refrigeration industries.

## Entrance Requirements:

Acceptable placement test score(s); high school diploma or GED not required. Students may enter this certificate any semester with department head approval.

## Type of Program:

Day or evening

## Professional Credentials:

EPA Technician Certification (subject to passing EPA exam)

- This program trains students as beginning HVAC helpers and/or mechanics.

## Recommended Program Schedule

### First Semester

|     |     |                               |     |
|-----|-----|-------------------------------|-----|
| ACR | 101 | Fundamentals of Refrigeration | 5.0 |
| ACR | 102 | Tools and Service Techniques  | 3.0 |
| ACR | 106 | Basic Electricity for HVAC/R  | 4.0 |

## Total Required Credit Hours:

**12.0**

Note: Please contact your advisor for recommended evening schedules.

Visit <https://www.gvltec.edu/gainful-employment/> for important information about the educational debt, earnings and graduation rates of students who attended programs.