



### **SUMMARY**

Upon completion of the Grayson College Dual Credit Program in the Heating, Air Conditioning and Refrigeration Program (HART), students will be prepared for entry-level employment in the field. They can also continue to higher certification levels or complete the Associate of Applied Science (AAS) Degree in Heating, Air Conditioning and Refrigeration Technology.

### **CERTIFICATE**

GC Technician Apprentice Certificate is awarded upon successful completion of Capstone I exam which is given at the end of the student's Junior year. GC Technician Certificate is awarded upon successful completion of Capstone II exit exam which is given after students complete all required HART certificate courses of study. No student will receive a certificate if overall grade points fall below 2.50.

Note: EPA 608 exam is required to enter the heating and air conditioning workforce for Technician work. Exam is currently available to any student desiring to complete the exam prior to completion of the HART Program. The Texas Department of Licensing and Regulations requires all Technicians to be registered with the State of Texas, but not installers. National Certifications for students who wish to excel in their learning prior to graduation are available at a cost set by a third party.

### **INSTRUCTOR**

Grayson College provides instructor for program

### **CURRICULUM**

Curriculum is provided by Grayson College and consists of materials located in the Canvas Learning Management System along with Cengage Learning and hands-on lab activities.

### **SCHEDULE**

Students complete online coursework, and required hours in a laboratory setting. HART has an innovative open lab concept. Students may attend labs at any time that the lab is open during the week to complete required weekly hours. This flexibility allows students to participate in other activities such as athletics, band, or academic teams.

### **FACILITY**

Classes are held online and in a face-to-face format at the Denison campus. There may be future options at the South Campus.

### **TSI REQUIREMENT**

None

## **PREREQUISITES**

All entry level students into the HART Program are required to take HART 1401 and HART 1407 courses.

## **VACCINATION REQUIREMENT**

State law requires that students under the age of 22 who will attend classes on a GC campus must provide documentation of a meningococcal vaccination within the previous 5 years or a conscientious objection waiver. Students will not be enrolled without this documentation.

## **TUITION & FEES**

\$97/credit hour + applicable fees

## **TEXTBOOK & SUPPLIES**

At present time, textbooks are purchased through Cengage Unlimited with a current price around \$200.00.

Currently, students are required to purchase all tools required for the HART program prior to 2nd week of class, and current cost is approximately \$650.00. Some cost for tools may be lowered for students who have tools available to them.

## **FINANCIAL AID**

Full or partial tuition waivers are available for dual credit students on free or reduced lunch programs.

## **TYPICAL COURSE OF STUDY**

Please contact course instructor for individual considerations. All other HART courses not shown below are taught on the GC Main Campus and are night courses only from 5-9:50 pm.

### **Junior Year Courses**

<b>Semester</b>	<b>Course</b>	<b>Course Title</b>	<b>Hours</b>
Fall	HART 1401	Basic Electricity for HVAC	4
Spring	HART 1407	Refrigeration Principles	4

### **Senior Year Courses**

<b>Semester</b>	<b>Course</b>	<b>Course Title</b>	<b>Hours</b>
Fall	HART 1441	Residential AC	4
Spring	HART 2449	AC Systems Design	4

**Total Hours: 16**

## **QUESTIONS**

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