



**STEEL CENTER**  
FOR CAREER AND TECHNICAL EDUCATION

# PROGRAM LETTER

---

## **Heating, Ventilation, Air Conditioning, and Refrigeration (HVAC-R): CIP 50.0402**

**Mr. Brian McCrory • 2020 – 2021**

**BMccrory@steelcentertech.com • 412.469.3200 x2508**

July 1, 2020

Dear Steel Center Family:

I would like to take this opportunity to introduce myself. My name is Brian McCrory and I am the Heating, Ventilation, Air Conditioning, and Refrigeration (HVAC-R) Instructor at Steel Center. I have spent 25 years in the trade, working in residential, commercial, and industrial settings. I believe my trade experience will provide your son/daughter a great learning experience.

Steel Center's HVAC-R program prepares students to apply technical knowledge and skills to install, repair, and maintain commercial and domestic heating, air conditioning, and refrigeration systems. Instruction includes theory and application of basic principles involved in conditioning of air (cooling and heating); filtering and controlling humidity; operating characteristics of various units and parts; blueprint reading; use of technical reference manuals; the diagnosis of malfunctions; overhaul, repair, and adjustment of units and parts such as pumps, compressors, valves, springs, and connections; and repair of electric/electronic and pneumatic control systems.

**Required items:** Leather boots (steel toe not required), long pants, custom shop shirt and/or hoodie, safety glasses, gloves and certain times a hardhat. More detailed information about program requirements is outlined in the program syllabus and program brief, which may be found on the school's website: [www.steelcentertech.com](http://www.steelcentertech.com).

If you have any questions regarding the HVAC-R program, do not hesitate to contact me. I am looking forward to a great school year.

Sincerely,

Mr. Brian McCrory  
HVAC-R Instructor