



**STEEL CENTER**  
FOR CAREER AND TECHNICAL EDUCATION

## **PROGRAM LETTER**

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# **Heating, Ventilation, Air Conditioning, and Refrigeration (HVAC-R): CIP 47.0201**

**Mr. Rick Heltion • 2023 – 2024**

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Dear Steel Center Family:

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 but recommended), long pants, cotton sleeved shirt, safety glasses, and leather work gloves. 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. Rick Heltion  
HVAC/R Instructor