JEFF TECH

HEATING, VENTILATION, AIR CONDITIONING, & REFRIGERATION

CIP Code: 47.0201

Program Overview

This is an instructional program that prepares individuals 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 electronic control systems.

Classes are held Monday thru Friday from 8:15am-2:45pm.

Program Cost: $8,000.00 - *Effective 7/1/2024*

Estimated expenses not included in tuition: Required clearances ($55.00), certification testing ($75.00), textbook ($225.00), supply ($30.00) and/or uniform ($100.00) costs.

Textbook Requirements:

Refrigeration & Air Conditioning Technology, 8th edition, by: Tomczyk/Silberstein/Whitman/Johnson (ISBN: 978-1305578296)

Refrigeration & Air Conditioning Technology Lab Manual, 8th edition, by: Tomczyk/Silberstein/Whitman/Johnson (ISBN: 978-1305578708)

Residential Construction Academy HVAC, 2nd edition, by: Silberstein (ISBN: 978-1439056349)

Certifications: EPA Section 608 Refrigeration, CSST (Corrugated stainless steel tubing), OSHA 10 and NOCTI

Program Start Dates: Fall (Late August) OR Spring (Mid-January) Semester Annually

Program Length: 900 hours

This program is accredited by the PA Department of Education.

Please contact the Adult Education Office by phone at 814-201-9837 or email to info@jefftech.edu for additional information.
As always, Thank you for choosing Jeff Tech!