HEATING VENTILATION & AIR CONDITIONING TECHNOLOGY

CAREER PATHS
AIR CONDITIONING SERVICE TECHNICIAN
FIELD SERVICE TECHNICIAN
CONTROLS TECHNICIAN
HVAC/R INSTALLER
FURNACE FITTER/INSTALLER
REFRIGERATION SYSTEMS INSTALLER

SALARY
$50,590*
MEDIAN ANNUAL INCOME

JOB GROWTH
2018-2028: 13%*

Johnson College does not discriminate with regard to race, color, national origin, sex, or disability.
HEATING, VENTILATION &
AIR CONDITIONING TECHNOLOGY

PROGRAM OBJECTIVE

The Heating Ventilation and Air Conditioning program is to provide students with the skills needed for entry-level positions in the installing, repairing and troubleshooting various heating and cooling equipment. Students will work with industrial standard tools associated with equipment such as oil and gas furnaces, refrigeration units, and air conditioning equipment.

CAREER OPPORTUNITIES

Employment opportunities consist of HVAC installers, controls technicians, service technicians, maintenance mechanics, plumbers, engineers, programmers, research development, management, sales, and dispatch. But let’s be clear – this is an exciting, evolving field that requires hard work, dedication, innovation and creative problem solving.

READY. SET. WORK.

Goal 1: Graduates will possess the skills necessary to obtain an entry-level HVAC Technician position.

Goal 2: Graduates will demonstrate safe HVAC practices and obtain an understanding of the significance of safety procedures in the HVAC environment.

Goal 3: Graduates will be able to perform entry-level troubleshooting and preventative maintenance on various Heating, Air Conditioning and Refrigeration systems.

Applicants are encouraged to arrange a campus visit and a personal information session with a Recruitment Advisor. Appointments may also be made to meet with appropriate faculty and current students.

CAREER OPPORTUNITIES

PROGRAM COURSES

- Construction Elective
- Introduction to Electricity for the Trades with Lab
- Introduction to Pipefitting with Lab
- Construction Safety
- Fundamentals of Electricity with Lab
- Motors and Controls with Lab
- Refrigeration with Lab
- Air Conditioning Systems with Lab
- Heating System Design and Installation with Lab
- Applied Practice and Special Topics with Lab or Internship
- Contract Drawings
- Introduction to Business or Customer Service and Our World
- Communication Elective
- Microcomputer I
- English Composition I or Industry Communications
- MAT 101 or Higher
- Student Success Seminar
- Science Elective

Minimum Credits to Graduate: 64

Courses are subject to change. Please check johnson.edu for up-to-date course info.

johnson.edu
570-702-8856
3427 N Main Ave, Scranton, PA 18508

There may be special admission requirements for this program. Please speak with a Recruitment Advisor by calling 570-702-8856 or visit our website johnson.edu to review our requirements.