



Welcome

Ivy Tech Community College in Lafayette offers a challenging life changing opportunity for individuals that seek a trade related degree or skill. Students will learn plumbing, electrical, mechanical and refrigeration skills. This education will translate into marketable practical skills desired in the workplace. Students will learn practical hands-on training in our state of the art Laboratory.

Ivy Tech Community College - Lafayette

Admissions:

888-IVY-LINE
(765-269-5200)

www.ivytech.edu

HVAC Curriculum and Course Descriptions

Curriculum for HVAC varies based on the degree or certificate and is subject to change.

Go to www.ivytech.edu/hvac to find recommended course curriculum and course descriptions.



Ivy Tech Community College
3101 South Creasy Lane
Lafayette, IN 47905

Phone (765) 269-5233

For more information email the School of Technology
lafayette-sot@lists.ivytech.edu



SCHOOL OF TECHNOLOGY

HEATING, VENTILATION
AND AIR CONDITIONING
(HVAC)





Overview

The HVAC (Heating, Ventilation, and Air Conditioning) program prepares students to become qualified technicians in all residential and light commercial heating, cooling, and refrigeration. Graduates will be able to work for area employers, or as self-employed technicians. Students will learn to design, plan, install, and operate building heating, cooling, and ventilation systems.

Careers in Energy Technology

Heating, Air-Conditioning, and Refrigeration Mechanics and Installers, Geo-Thermal Installers & Energy Auditing



HVAC Degree & Certificates

ASSOCIATE OF APPLIED SCIENCE (AAS) DEGREE (60 credit hours)

Two-year Associate of Applied Science degree programs prepare students for careers, career changes and career advancement. AAS programs may also prepare students for transfer to four-year institutions. The program content, which is approximately 30 percent general education, provides depth and breadth in conceptual and professional/technical skills. Professional/technical courses equip students with the skills to obtain employment and to advance in the workforce.

TECHNICAL CERTIFICATE

Certificate (31 credit hours)

HVAC

Technical Certificate programs provide education in conceptual and technical skills for specific occupations. Each program contains a sequence of required courses in a recognized concentration within one of the programs at the college. The program content is designed to develop competency in the comprehension of general and technical skills. Certificate programs require mastery of basic reading, writing, mathematical and algebraic skills.

CERTIFICATE

Certificate (21 credit hours)

HVAC

Certificates are sequences of technical and professional courses. They provide access to targeted, short-term workforce training, and completers may sit for specific certification exams. Courses in certificate programs also apply toward technical certificates and associate degree programs in the subject area.

Lafayette HVAC

The programs in HVAC at Lafayette are designed for flexibility and ease of access. We strive to meet the needs of today's students by offering three completion options (AAS Degree, Technical Certification, and Certification.) Each student will take the HVAC Excellence job ready exams in many courses that qualify them to earn additional certifications in air conditioning, gas heat, electrical circuits, and heat pumps.



Why Choose HVAC?

- **Manufacturing Operations High Employment Potential**
- **Growing in Innovative Technologies**
 - Geothermal
 - Thermal Mass
 - Air Zoning
 - Home Automation
 - Building Science
- **HVAC Jobs Won't be Outsourced to Foreign Countries**
- **HVAC Touches all of Our Lives Every Day in Many Ways**
- **Excellent Training for an Excellent Career**