AIR CONDITIONING TECHNOLOGY, ASSOCIATE OF APPLIED SCIENCE

Information

The Air Conditioning Technology program is offered at the San Jacinto College South campus and the North campus. Both programs offer an Occupational Certificate, a Certificate of Technology, and an Associate of Applied Science (AAS) degree. The North campus also offers the Level 2 Certificate. The Air Conditioning Technology program focuses on residential and commercial air conditioning as well as commercial refrigeration. All courses in each certificate apply to the AAS degrees.

Students enrolling into San Jacinto College programs with external learning experiences (i.e., clinical, practicum, externship, cooperative, etc.) will be required to comply with the immunization requirements and policies of the clinical/external learning sites to engage in all clinical/external learning experiences. Vaccination requirements at clinical/external learning sites are implemented pursuant to the independent authority of such facilities and are not mandated by San Jacinto College. Failure to meet the immunization requirements mandated by clinical/external learning sites may limit a student's ability to complete the program and/or may delay the student's graduation date. San Jacinto College does not process exemptions, and students should address potential vaccination exemptions directly with the clinical/external learning site.

Associate of Applied Science

The College designed the Air Conditioning Technology program to provide students with a study of electrical and mechanical knowledge, skills, and abilities needed for employment in today's residential and light commercial Heating Ventilation Air Conditioning and Refrigeration (HVACR) careers. These skills help prepare students for employment as installers, salespersons, and technicians in residential and light commercial air conditioning, refrigeration, and heating. A graduate of this program will have a good foundational knowledge in the principles of air conditioning, heating, and refrigeration, with main emphasis on installation, troubleshooting, and customer service. Related topics of energy conservation, air systems design and analysis, advanced HVACR controls, and air conditioning codes are thoroughly covered. While this degree provides the student with 45 credit hours of HVACR specific courses, it also provides the student with 15 credit hours of general education courses should the student look to pursue a higher degree in the future.