

What can you do with a major in Air Conditioning Technology?

Campus(s) program is offered: Canton & Marietta Campuses

What are the most likely job titles one can expect to qualify for after completing this program?

- HVAC Technician
- Air Conditioning Technician
- Maintenance Technician
- HVAC Installer
- Install Helper

What do students express as the thing they enjoy the most about this program?

Working in the lab. Students love the fact that they are working on everyday HVAC equipment in real- world situations

What is the least?

Book and Computer work

What are some typical misconceptions about this program of study?

That it's easy. HVAC incorporates several disciplines and involves some math and science. Most classes are considered "Open Lab" so students that aren't self-motivated often have trouble with attendance

What are some essential skills and abilities a student needs to have in order to be successful in program of study?

- Being mechanically inclined
- Being a self-motivated, self-starter.
- Analytical thinking skills
- Using tools, measuring
- Maintaining, inspecting, repairing
- Installing, setting up
- Following written and/or oral instructions
- Keeping records
- Analyzing, evaluation

What are typical skills and abilities that a student gains once he/she has completed the program of study?

- Troubleshoot and diagnose HVAC problems
- Understanding of electrical circuits, motors and controls
- Ability to draw schematics and wire electrical circuits.
- HVAC installation and Maintenance
- Knowledge of Heat Loss / Heat Gain

Typical work activities/occupational functions:

- Installing HVAC systems
- Repairing HVAC systems
- Complying with safety rules

What additional training would you recommend for a student who wants to go to the next level in this field?

EPA Universal certification

Do any of the occupational courses transfer easily?

Only to TCSG schools.

What are some common limitations, if any, in this program that students face?

Students are required to have their own set of tools, which can run up to \$400-\$600

ESL students can face communication issues. Past legal problems make it hard to find a job. Most employers won't touch anyone with a past felony. Points on a driver's license can also present problems

Are there any exams/certifications that a student needs to take after completing the courses? Are these exams/certifications offered on campus?

EPA Universal certification. No, it is not offered on campus.

Possible employment settings:

About half work for construction contractors. The remainder is employed at a wide variety of locations: service and repair shops, utility companies, schools, hospitals, state and federal facilities, manufacturing firms and other organizations that operate large air conditioning, refrigeration or heating systems. About 15 percent are self-employed. To be self-employed, a Conditioned Air license is required. Most graduates are not qualified to test for licensure as a minimum of 5 years experiences is required.

Names of potential employers:

- Air Reliant
- JR Nichols Co., Inc.
- Innovative Comfort Solutions
- Air Techniques
- Casteel HVAC
- Precision HVAC
- Reliable HVAC
- Green HVAC
- E Smith HVAC
- WADE HVAC

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