UACCM **CAREER CENTER**

AIR CONDITIONING, HEATING, & REFRIGERATION TECHNOLOGY

Air conditioning, heating, and refrigeration systems consist of many mechanical, electrical, and electronic components, including motors, compressors, pumps, fans, ducts, pipes, thermostats, and switches. Our HVAC graduates will be able to install, maintain, diagnose, and correct problems throughout an entire system, including modern industry challenges such as energy audits, green principles, and energy efficiency.

Training includes installation, programming, and calibration of smart thermostat technology systems controlled remotely to increase energy efficiency in both residential homes and commercial facilities. Students follow blueprints, design specifications, and manufacturer's instructions to install motors, compressors, condensing units, evaporators, piping, and other components all while using the newest technology.

1ST FALL SEMESTER

- AMST 10031 Industrial Safety (1 hr)
- AMST 11031 Understanding OSHA Regulations Basic (1 hr)
- AMST 12004 Fundamentals of Electricity (4 hrs)
- WELD 12072 Craft Skills (2 hrs)

1ST SPRING SEMESTER

- ENGL 10083 Applied Technical Writing (3 hrs)
- HVAC 14004 Air Conditioning and Heating Systems I (4 hrs)

Certificate of Proficiency (15 hrs) awarded upon successful completion of the coursework listed above.

2ND FALL SEMESTER

- AMST 13053 Schematics (3 hrs)
- HVAC 19104 AC and Heating Systems II (4 hrs)
- MATH 10103 Applied Technical Math (3 hrs)

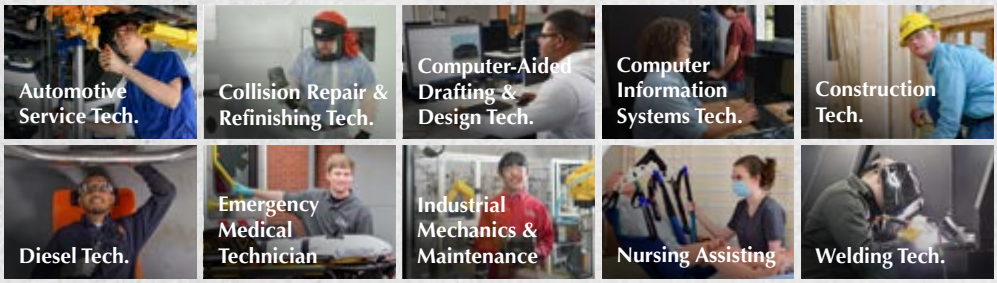
2ND SPRING SEMESTER

- CPSI 10003 Introduction to Computers (3 hrs)
- HVAC 12103 HVACR Systems and Components (3 hrs)

Technical Certificate (30 hrs) awarded upon successful completion of the coursework listed above.

The recommended courses above are based on the anticipated course rotations for the program. Students will meet with an academic advisor at UACCM to determine the appropriate course(s).

WWW.UACCM.EDU/ENROLL/CONCURRENT



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BENEFITS

- Earn Credentials Valued by Employers While in Grades 10 through 12
- Tuition, Fees, and Supplies for Technical Courses Paid Through the Office of Skills Development
- Hands-On Training with State-of-the-Art Equipment

UA Community College MORRILTON