

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

- ELEC 1204 Fundamentals of Electricity (4 hrs)
- TECH 1001 Industrial Safety (1 hr)
- TECH 1101 Understanding OSHA Regulations Basic (1 hr)
- WLD 1202 Craft Skills (2 hrs)

1ST SPRING SEMESTER

- ACR 1404 Air Conditioning and Heating Systems I (4 hrs)
- ENG 1003 Applied Technical Writing (3 hrs)

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

2ND FALL SEMESTER

- ACR 1914 AC and Heating Systems II (4 hrs)
- MATH 1253 Applied Technical Math (3 hrs)
- TECH 1303 Schematics (3 hrs)

2ND SPRING SEMESTER

- ACR 1213 HVACR Systems and Components (3 hrs)
- CIS 1013 Introduction to Computers (3 hrs)

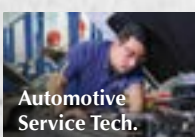
Technical Certificate (30 hrs) awarded upon successful completion of the coursework listed above.

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).

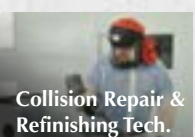
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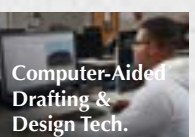
Air Conditioning,
Heating, &
Refrigeration
Tech.



Automotive
Service Tech.



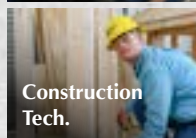
Collision Repair &
Refinishing Tech.



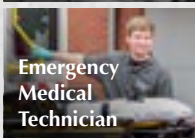
Computer-Aided
Drafting &
Design Tech.



Computer
Information
Systems Tech.



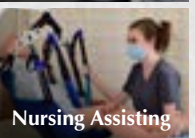
Construction
Tech.



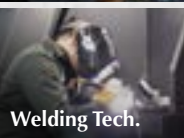
Emergency
Medical
Technician



Industrial
Mechanics &
Maintenance



Nursing Assisting



Welding Tech.



TAYLOR WILLIAMS

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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

DR. LARRY D. DAVIS WORKFORCE TRAINING CENTER