HVAC CERTIFICATE
Total Credits: 24
Catalog Edition: 2023-2024

Program Description
(R): 244

HVAC CERTIFICATE: 244 WAS REPLACED BY
BUILDING TRADES TECHNOLOGY CERTIFICATE:
263 AND IS NO LONGER ACCEPTING NEW
STUDENTS. ADDITIONALLY, STUDENTS ADMITTED
PRIOR TO FALL 2022 WILL NOT BE ABLE TO
GRADUATE WITH THIS CERTIFICATE AFTER
SPRING 2025. PLEASE CONTACT A PROGRAM
ADVISOR FOR ALTERNATIVE OPTIONS.

This certificate curriculum prepares individuals for employment
or advancement in the HVAC trade of the building and
construction industry. A combination of academic and practical
instruction will provide individuals with knowledge and skills
that are necessary for success in the HVAC profession. Credits
may also be applied to the building trades technology AAS
degree.

Program Outcomes
Upon completion of this program, a student will be able to:

• Demonstrate the ability to work effectively as a team member
  with various construction trades and personnel.
• Describe effectively the construction process as it applies to
  residential buildings.
• Apply practical construction skills in HVAC.
• Communicate written, verbal, and visual information as it
  relates to the HVAC trade.

Program Advisors
Rockville
• Prof. Martin Kang, 240-567-4050,
  Murim.Kang@montgomerycollege.edu

For more information, please visit https://
www.montgomerycollege.edu/academics/programs/building-
trades-technology/hvac-certificate.html

To view the Advising Worksheet, please visit https://
www.montgomerycollege.edu/_documents/counseling-and-
advising/advising-worksheets/current-catalog/244.pdf

2023-2024
Program Advising Guide
An Academic Reference Tool for Students

244
HVAC CERTIFICATE

Program Requirements
A suggested course sequence for full-time students follows. All students should review this advising guide and consult an advisor.

Program Requirements
BLDG 130 - Introduction to the Building Trades 3 semester hours
BLDG 133 - Building Trades Blueprint Reading 3 semester hours
BLDG 170 - Fundamentals of Refrigeration 4 semester hours
BLDG 172 - HVAC Electricity 4 semester hours
BLDG 174 - HVAC Technician Development 2 semester hours
BLDG 271 - Heating Systems 4 semester hours
BLDG 273 - Air Conditioning and Heat Pump Systems 4 semester hours

Total Credit Hours: 24
Transfer Opportunities
Montgomery College has partnerships with multiple four-year institutions and the tools to help you transfer. To learn more, please visit https://www.montgomerycollege.edu/transfer or http://artsys.usmd.edu.

Get Involved at MC!
Employers and Transfer Institutions are looking for experience outside the classroom.

MC Student Clubs and Organizations: https://www.montgomerycollege.edu/life-at-mc/student-life/

Related Careers
Some require a Bachelor’s degree. Energy Auditor, Heating and Air Conditioning Mechanics and Installer, Refrigeration Mechanic and Installer, Home Appliance Repairer.

Career Services
Montgomery College offers a range of services to students and alumni to support the career planning process. To learn more, please visit https://www.montgomerycollege.edu/career

Career Coach
A valuable online search tool that will give you the opportunity to explore hundreds of potential careers or job possibilities in Maryland and the Washington D.C. metropolitan area. Get started today on your road to a new future and give it a try. For more information, please visit https://montgomerycollege.emsicc.com

Notes: