

BUILDING TRADES TECHNOLOGY CERTIFICATE

Total Credits: 21

Catalog Edition: 2025-2026

Program Description

(R): 263

This certificate curriculum prepares students for employment or advancement in the building and construction industry. A combination of academic and practical instruction provides knowledge and skills that are necessary for success in these professions. 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:

- Work effectively as a team member with various construction tradespeople and personnel.
- Describe the construction process as it applies to residential buildings.
- Perform practical construction skills as it applies to buildings.

Program Advisors

Rockville

- Prof. John Phillips, 240-567-7942,
John.Phillips@montgomerycollege.edu

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

2025-2026

Program Advising Guide

An Academic Reference Tool for Students

BUILDING TRADES TECHNOLOGY 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*

Program Electives, *15 semester hours* *

Total Credit Hours: 21

* Students are advised to follow the recommended program electives listed below for their particular area of training. A minimum of 21 credit hours is required for the certificate.

Required for All Certificate Students:

BLDG 130

BLDG 133

Carpentry Electives:

BLDG 140

BLDG 230

BLDG 240

BLDG 242

Electrical Wiring Electives:

BLDG 150

BLDG 184

BLDG 250

BLDG 252

BLDG 256

BLDG 284

HVAC Electives:

BLDG 170

BLDG 172

BLDG 174

BLDG 271

BLDG 273

Remodeling and Repair Electives:

BLDG 140

BLDG 150

BLDG 160

BLDG 242

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>

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