MANAGEMENT OF CONSTRUCTION CERTIFICATE: 142
Total Credits: 33-35
Catalog Edition: 2020-2021

Program Description
(R): 142

This certificate curriculum is designed to serve personnel presently employed in construction-related industries who might not want to complete an associate’s degree. Students will be able to enroll in specific professional/academic courses that will lead to an upgrading of their professional competence.

The certificate provides students with formal recognition of academic achievement for completing selected courses from the management of construction AAS area of concentration. The student may transfer to the AAS area of concentration.

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

- Demonstrate a thorough understanding of the principles and methods used in the installation of materials and building components including structural, nonstructural, mechanical, and electrical systems.
- Demonstrate technical mastery of the methods and procedures of reading architectural, structural, and mechanical drawings.
- Assist a field manager or project manager with basic project administration procedures both in the field and at the office.
- Demonstrate technical mastery in the computer software and surveying equipment used for project administration, estimating, scheduling, and surveying.
- Develop a working knowledge of construction estimating and scheduling procedures and the legal implications applicable to a construction project.

Program Advisors

Rockville

Prof. Mario Parcan, 240-567-7616, Mario.Parcan@montgomerycollege.edu

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For more information, please visit https://www.montgomerycollege.edu/constructionmanagement

To view the Advising Worksheet, please visit https://www.montgomerycollege.edu/_documents/counseling-and-advising/advising-worksheets/current-catalog/142.pdf
Program Requirements
A suggested course sequence for full-time students follows. All students should review this advising guide and consult an advisor.

Program Requirements
CMGT 100 - Construction Methods and Materials 3 semester hours
CMGT 110 - Construction Plan Reading 3 semester hours
CMGT 135 - Construction Field Operations 3 semester hours
CMGT 190 - Computer Applications in Construction 3 semester hours
CMGT 210 - Construction Management 3 semester hours
CMGT 270 - Construction Estimating 3 semester hours
CMGT 275 - Construction Planning and Scheduling 3 semester hours
CMGT 285 - Practical Construction Law 3 semester hours
ENGL 101 - Introduction to College Writing 3 semester hours

Program electives 6-8 semester hours‡

Total Credit Hours: 33-35
‡ Program electives: ACCT 221, BLDG electives, COED 260, ARCH 101, ARCH 103, ARCH 183, CMGT 250, CMGT 280, CMGT 290, MATH 165, MGMT 207.
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.
Construction Project Manager, Project Superintendent,
Construction Estimator, Building Inspector, Safety Manager/
Director.

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.emsicareercoach.com

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