



Suggested Transfer Pathway
MC A.A.S. in Management of Construction Area of
Concentration, Architectural/Construction Technology to
UMES-USG's B.S. in Construction Management Technology
 Catalog Year: 2022-23, Total Credits: 64



0 – 32 Credits - Montgomery College

	Cr
ENGL101, if needed (or non-ECON BSSD, ARTD, or HUMD)	3
MATH165 Precalculus	4
CMGT100 Construction Methods & Materials	3
CMGT110 Construction Plan Reading	3
CMGT135 Construction Field Operations	3
Total Credits	16

(Courses may be taken in any order, pending prerequisites)

	Cr
ENGL102 <u>or</u> ENGL103	3
MATH181 Calculus I (GEEL)	4
CMGT190 Computer Apps In Construction	3
CMGT210 Construction Management	3
COMM108 OR COMM112, COMM108 recommended (Arts/Humanities Dist)	3
Total Credits	16

33 – 60 Credits - Montgomery College

	Cr
CMGT250 Construction Surveying	3
CMGT270 Construction Estimating	3
CMGT275 Construction Planning & Scheduling	3
ARCH183 CAD: Architectural Applications	4
ECON201 Principles of Economics I (BSSD)	3
Total Credits	16

	Cr
CMGT280 Mechanical & Electric Systems	3
CMGT285 Practical Construction Law	3
CMGT290 Professional Practicum	2
PHYS203 General Physics I (NSLD)	4
ACCT221 Accounting I	4
Total Credits	16

PHYS204 (4 credits) is a prerequisite for UMES courses even though it is not required by MC. PHYS204 must be completed at MC in the summer before enrolling at UMES to be on track for timely graduation. Students may also elect to complete one additional course at MC from the following list to satisfy upper-level program requirements at UMES:
 ARTD/HUMD/BSSD/ARCH202/BIOL105

www.shadygrove.umd.edu/academics/degree-programs/bs-construction-management-technology

Apply to graduate from Montgomery College with an Associate of Applied Science in Management of Construction

Year Three – UMES @ Shady Grove

Fall Semester	Cr
CMTE 319 Statics & Strength of Materials	3
CMTE 323 BIM I	3
ENVS 101 Environmental Science	3
CMTE 325 Construction Methods & Equipment	3
BUAD 302 Online Mgmt. & Organ. Behavior	3
ENGL 001 EPE Exam	0
Total Credits	15

Spring Semester	Cr
CMTE 320 Building Structures	3
CMTE 324 BIM II	3
CMTE 445 Construction Estimating II	3
ENGL 305 Online or ENGL 310 Online	3
SOCI 201 Social Problems	3
Elective	1
Total Credits	16

Summer Term: CMTE 395 Summer Internship II (2 credits)

Year Four – UMES @ Shady Grove

Fall Semester	Cr
CMTE 350 Green Building I	3
CMTE 425 Construction Management I	3
CMTE 427 Soils & Site Development	4
ENGL 204 Introduction to Fiction	3
ECON 202 Online Principles of Economics II	3
Total Credits	16

Spring Semester	Cr
CMTE 440 Construction Safety Management	3
CMTE 426 Construction Management II	3
CMTE 450 Green Building II	3
CMTE 458 Senior Seminar	2
BUAD 200 Online Business Ethics	3
Total Credits	14

Management of Construction Area of Concentration, Architectural/Construction Technology A.A.S. to UMES-USG Construction Management Technology

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GENERAL EDUCATION FOUNDATION & DISTRIBUTION COURSES

FOUNDATION COURSES	COURSE	HRS	GRADE
English Foundation (ENGL102 or ENGL103, ENGL102 recommended)	ENGL	3	
Math Foundation, Precalculus	MATH165	4	
DISTRIBUTION COURSES	COURSE	HRS	GRADE
Arts or Humanities Distribution (COMM108 or COMM112, COMM108 recommended)	COMM	3	
Behavioral & Social Science Distribution, Principles of Economics I	ECON201	3	
Natural Sciences Distribution with Lab, General Physics I	PHYS203	4	
GENERAL EDUCATION ELECTIVE	COURSE	HRS	GRADE
Calculus I (GEEL)	MATH181	4	
PROGRAM REQUIREMENTS	COURSE	HRS	GRADE
ENGL101, if needed (or non-ECON BSSD, ARTD, or HUMD)		3	
Construction Methods & Materials	CMGT100	3	
Professional Practicum	CMGT290	2	
CAD: Architectural Applications	ARCH183	4	
AREA OF CONCENTRATION REQUIREMENTS	COURSE	HRS	GRADE
Construction Plan Reading	CMGT110	3	
Construction Field Operations	CMGT135	3	
Computer Applications in Construction	CMGT190	3	
Construction Management	CMGT210	3	
Construction Surveying	CMGT250	3	
Mechanical & Electrical Systems	CMGT280	3	
Construction Estimating	CMGT270	3	
Construction Planning & Scheduling	CMGT275	3	
Practical Construction Law	CMGT285	3	
Accounting I	ACCT221	4	
General Physics II †	PHYS204	4	
Arts or Humanities Distribution Course †		3	

† *PHYS204 (4 credits) and an additional Arts or Humanities course (3 credits) must be completed at MC in the summer before enrolling at UMES to be on track for timely graduation.*

UMES Contact: Dr. Shafayet Ahmed, Lecturer
sahmed2@umes.edu, (301) 738-6214

MC Contact: Kara Guthro, Program Coordinator
kara.guthro@montgomerycollege.edu, (240) 567-7598