

**CONSTRUCTION MANAGEMENT ARTICULATION AGREEMENT GUIDE**Washtenaw Community College – **AA in Construction Management**Eastern Michigan University – **BS in Construction Management****Washtenaw Community College Courses:****Eastern Michigan University Courses:****Michigan Transfer Agreement (MTA) Requirements (30 credits)**

Students with the MTA endorsement on their community college transcript have satisfied EMU's General Education Core Requirements and will be required to complete only the General Education Application Requirements of one Perspectives on a Diverse World course, one Learning beyond the Classroom experience, and a writing intensive course in the major. Courses listed below for the MTA also satisfy program requirements at EMU and/or WCC. For WCC approved MTA courses go to the community college's website. Students without an MTA or MACRAO endorsement must complete EMU's general education program.

**1. A course in English Composition**

ENG 111 Composition I.....	4	WRTG 121 Composition II (3)+1 .....	4
----------------------------	---	-------------------------------------	---

**2. A course in English Composition or Communication**

Choose one from the approved MTA list.....	3	General Transfer Credit.....	3
--	---	------------------------------	---

**3. A course in Mathematics**

* MTH 160 Basic Statistics.....	4	STAT 170 Elementary Statistics .....	4
---------------------------------	---	--------------------------------------	---

**4. Two courses in Natural Sciences from different disciplines (one lab required)**

* GLG 114 Physical Geology.....	4	ESSC 110 The Dynamic Earth System .....	4
---------------------------------	---	---	---

* PHY 111 General Physics .....	4	PHY 221 Mechanics, Sound and Heat.....	4
---------------------------------	---	--	---

**5. Two courses in Humanities and Fine Arts from different disciplines**

Choose two from the approved MTA list .....	6	General Transfer Credit.....	6
---	---	------------------------------	---

**6. Two courses in Social Sciences from different disciplines**

* ECO 211 Principles of Economics I.....	3	ECON 201 Principles of Macroeconomics .....	3
--	---	---	---

Choose one from the approved MTA list.....	3	General Transfer Credit.....	3
--	---	------------------------------	---

**If needed, complete additional credits in any of the above categories to meet the 30 credit minimum for the MTA.**

**EMU's Perspectives on a Diverse World requirement: Complete one course from the following list:**

**These courses also satisfy an MTA area: Communication: COM 225; Natural Science: ENV 101, 105; Humanities: ART 143, 150; COM 225; DAN 180; DRA 180; ENG 181, 213, 214, 224, 242; FLM 150, 221; HUM 175; MUS 180; Social Science: ANT 201; ECO 280; GEO 101; HST 108, 109, 123, 150, 230, 235; PSY 251; SOC 205. **These courses apply, but do not satisfy the MTA:** CCP 251**

**WCC Program Requirements (30 credits)**

<sup>1</sup> ACC 111 Principles of Accounting I .....	3	ACC 240 Principles of Financial Accounting .....	3
---	---	--	---

<sup>1</sup> BMG 111 Business Law I.....	3	LAW 293 Legal Environment of Business .....	3
--	---	---	---

<sup>1</sup> BMG 207 Business Communication .....	3	MGMT 202 Business Communication .....	3
---	---	---------------------------------------	---

BMG 240 Human Resources Management.....	3	MGMT 000 General Transfer Credit .....	3
---	---	--	---

*CMG 130 Construction Site Safety & OSHA Regulations.....	3	CNST 213 Construction Safety.....	3
---	---	-----------------------------------	---

*CMG 150 Introduction to Construction Management.....	3	CNST 125 Introduction to Construction .....	3
---	---	---	---

*CMG 170 Construction Graphics .....	3	CNST 228 Construction Graphics .....	3
--------------------------------------	---	--------------------------------------	---

*CMG 180 Application of Construction Materials .....	3	CNST 212 Construction Materials and Testing .....	3
--	---	---	---

*CMG 200 Construction Systems.....	3	CNST 201 Construction Systems .....	3
------------------------------------	---	-------------------------------------	---

*MTH 178 General Trigonometry.....	3	MATH 107 Plane Trigonometry.....	3
------------------------------------	---	----------------------------------	---

**EMU Requirements and Electives that may be Taken at WCC or EMU (11 credits)**

\* General Business Minor Electives, Choose 2 courses below:

ACC 122; BMG 140, 160, 265; CIS 110.....	6	ACC 241, COB 200, MKTG 261, DS 265, IS 215.....	6
--	---	---	---

Open Electives .....	5	General Transfer Credit.....	5
----------------------	---	------------------------------	---

<b>Credits at WCC:.....</b>	<b>71</b>	<b>Credits that transfer to EMU .....</b>	<b>71</b>
-----------------------------	-----------	---	-----------

\* Required for EMU's BS in Construction Management program. If not transferred, must be completed at EMU.

<sup>1</sup> Satisfies a requirement for the General Business minor at EMU. If not transferred, requirement must be met at EMU.

**Sign up with us:** If you let us know you are using this articulation agreement we can stay in touch with you and provide information and advising to you while you are still at your community college.

**CONSTRUCTION MANAGEMENT ARTICULATION AGREEMENT GUIDE**Washtenaw Community College – **AA in Construction Management**Eastern Michigan University – **BS in Construction Management****Completion of the BS in Construction Management****All Requirements (49 credits)****Program Requirements (43 credits)**

CNST 206	Surveying.....	3
CNST 229	Analysis of Commercial Prints.....	3
CNST 230	Construction Management Computer Apps.....	3
CNST 302	Contract Documents, Regulations, Specs.....	3
CNST 303	Electrical, Mechanical, & Equipment Systems.....	3
CNST 304	Construction Estimating and Bidding.....	3
CNST 312	Statics and Strength of Materials.....	3
CNST 361	Planning and Scheduling.....	3
<sup>1,3</sup> CNST 385L4	Cooperative Education in Construction.....	1
CNST 403	Production Control.....	3
<sup>2</sup> CNST 406W	Construction Law.....	3
CNST 412	Structural Systems.....	3
CNST 436	Heavy/Highway Construction Means.....	3
CNST 440	LEED for New Construction & Major Reno.....	3
CNST 450	Fund of Construction Management.....	3

**General Business Requirement (6 credits)**

MKTG 360	Principles of Marketing.....	3
MGMT 384	Human Resource Management.....	3

*MGMT 384 is a requirement of the ACCE accrediting organization.*

**Credits at EMU: .....49****Transfer Credits: .....71****Total Credits: .....120****LBC Requirement**

Students must complete one Learning Beyond the Classroom course or noncredit experience offered by EMU. Consult your advisor for options. CNST 385L4 will fulfill this requirement.

**Sample Schedule*****Sample sequence for completing program.***

MATH 107 (MTH 178 at WCC) must be completed before enrolling in CNST 206. PHY 221 (PHY 111 at WCC) must be completed before enrolling in CNST 312.

A "C-" or higher is required for all major courses taken at EMU.

**Semester 1 (15 credits)**

CNST 206	F, S prereq: MATH 107.....	3
CNST 229	FW prereq: CNST 228.....	3
CNST 302	FW prereq: LAW 293 & CNST 125.....	3
CNST 303	FW prereq: CNST 228.....	3
CNST 304	FW prereq: CNST 229.....	3

**Semester 2 (15 credits)**

CNST 230	FW.....	3
CNST 312	FW prereq: CNST 202 & PHY 221.....	3
CNST 361	FW prereq: CNST 229.....	3
CNST 406W	FW prereq: CNST 302.....	3
MKTG 360	FWS admission to minor is required.....	3

**Semester 3 Summer (4 credits)**

CNST 385L4	FWS.....	1
MGMT 384:	FWS admission to minor is required.....	3

**Semester 4 (15 credits)**

CNST 403	FW prereq: CNST 304 & CNST 361.....	3
CNST 436	FW prereq: CNST 212, 302 & CNST 304.....	3
CNST 440	FW prereq: Jr or Sr level.....	3
CNST 450	FW prereq: CNST 304 & CNST 361.....	3
CNST 412	FW prereq: CNST 312, PHY 221 & MATH 107..	3

<sup>1</sup> Students with professional experience may have CNST 385L4 waived. Advisor approval is required. Additional credit will not be required to make up for the 1 credit as long as students have completed a minimum of 120 credits.

<sup>2</sup> Satisfies EMU's Writing Intensive requirement.

**CONSTRUCTION MANAGEMENT ARTICULATION AGREEMENT GUIDE**Washtenaw Community College – **AA in Construction Management**Eastern Michigan University – **BS in Construction Management****Additional Information:**

1. Each institution will determine the satisfaction of their individual program and degree requirements. Both institutions agree to accept transferable courses from each other and from other regionally accredited institutions. WCC courses indicated with an \* are required for EMU's BS in Construction Management. Substitutions for these courses must be approved by the EMU program coordinator.
2. Students with the MTA endorsement on their community college transcript have satisfied EMU's General Education Core Requirements and will be required to complete only the General Education Application Requirements of one "Perspectives on a Diverse World" course, one "Learning Beyond the Classroom" experience, and a "Writing Intensive" course in the major. The Perspectives on a Diverse World requirement may be transferred to EMU.  
*To use the Michigan Transfer Agreement (MTA), students must have an official community college transcript, with the "MTA Satisfied" endorsement sent to EMU's Admissions Office. Students who do not have "MTA Satisfied" on their community college transcript, will be required to satisfy EMU's general education requirements as applied to transfer students. The MTA may be completed after admission to EMU, however, students should inform their advisors or they may be advised to complete additional courses for the general education program. If already on the transcript, the MACRAO designation will be accepted at EMU after August 2019.*
3. Only courses with a grade of "C" or better (2.0 on a 4.0 scale) will be accepted for transfer to either institution.
4. Under this agreement, EMU will waive the 60-hour rule and require that a minimum of 30 credit hours must be completed in EMU courses, with at least 15 hours in the program or (9 hours in the major and 6 hours in the minor), at the 300-level or above. Of the last 30 hours completed before graduating, a minimum of 10 credit hours must be in courses offered by EMU. A minimum of 120 credit hours, completed in-residence or accepted in transfer, is required for graduation.
5. Students must satisfy all admission requirements at the time of application for admission to EMU, including submitting transcripts from all previously attended colleges. WCC students will receive equal consideration with other students for course registration and financial aid.
6. Students are encouraged to contact EMU's BS in Construction Management advising center before applying to EMU. To facilitate advising and the evaluation of transcripts, [sign up for this articulation agreement](#) and bring a copy of this articulation guide to all advising sessions.

**Effective Date: September 1, 2021 until August 31, 2024.**

This is a renewal of an agreement made in September 2002 and renewed in September 2007, September 2010, January 2015 and September 2018. This agreement is consistent with the 2021-2022 catalog. Students have until summer 2029 to graduate from Eastern Michigan University following this agreement. In the event that a student does not complete the program within seven years, they may be required to have their credits reevaluated using the requirements of the current articulation guide.

**Contacts:**

**Washtenaw Community College**  
Cristy Lindemann, Faculty Advisor  
734.973.3622; [clindemann@wccnet.edu](mailto:clindemann@wccnet.edu)  
Advising  
734.677.5102, [advising@wccnet.edu](mailto:advising@wccnet.edu)

**Eastern Michigan University**  
Game Above College of Engineering & Technology  
Students Services: 734.487.8659  
[cet\\_advising@emich.edu](mailto:cet_advising@emich.edu)