

**CONSTRUCTION MANAGEMENT ARTICULATION AGREEMENT GUIDE**

Lansing Community College – AAS in Construction Management (Heavy/Civil Construction Pathway)  
 Eastern Michigan University – BS in Construction Management

**Lansing Community College courses:****Transfer to Eastern Michigan University as:****Michigan Transfer Agreement (MTA) Requirements (30 credits required)**

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 EMU General Education Application Requirements of one Perspectives on a Diverse World course, one Learning Beyond the Classroom experience, and one writing intensive course in the major. Courses listed below for the MTA will also satisfy program requirements at LCC or EMU. Students who do not transfer to EMU with the MTA or MACRAO endorsement will be required to complete EMU's general education program at EMU. [LCC courses approved for the MTA.](#)

**Credits from the AAS in Construction Management (Heavy/Civil Construction Pathway) that apply toward the MTA (11 credits)**

- 1. A course in English Composition**  
ENGL 121 Composition I ..... 4 University Elective (WRTG 120).....4
- 2. A course in Communication**  
COMM 130 Fundamentals of Public Speaking..... 3 University Elective (CTAC 124).....3
- 3. A course in Mathematics**  
MATH 120 College Algebra.....4 University Elective (MATH 105) .....4
- 4. Two courses in Natural Sciences from different disciplines (one lab required)**  
*See courses that can be taken at LCC or EMU. If not completed at LCC, must be completed at EMU.*
- 5. Two courses in Humanities and Fine Arts from different disciplines**  
*See courses that can be taken at LCC or EMU. If not completed at LCC, must be completed at EMU.*
- 6. Two courses in Social Sciences from different disciplines**  
*See courses that can be taken at LCC or EMU. If not completed at LCC, must be completed at EMU.*

**LCC Construction Management Program (Heavy/Civil Construction Pathway) Requirements (51 credits)**

<sup>1</sup> ACCG 210 Accounting Info for Mgmt (sub for ACCG 101)..... 3	ACC 240 Principles of Accounting I .....3
*ARCH 113 Materials and Methods of Construction..... 4	CNST 201 Construction Systems.....4
ARCH 125 Environmental Systems..... 4	University Elective (CNST 000).....4
CIVL 241 Statics/Strength of Materials ..... 4	University Elective (MET 000).....4
DCTM 100 Intro to the Built Environment..... 3	University Elective (CNST 000).....3
*DCTM 102 Industrial/Construction Safety ..... 2	CNST 213 Construction Safety (3)-1.....2
DCTM 103 Codes and Specifications..... 3	CNST 000 University Elective .....3
*DCTM 200 Construction Management I ..... 4	CNST 125 Introduction to Construction (3)+1 .....4
*DCTM 201 Construction Management II ..... 4	CNST 229 Analysis of Commercial Prints (3)+1 .....4
*DCTM 220 BIM for Construction..... 4	CNST 228 Construction Graphics (3)+1 .....4
<sup>1</sup> LEGL 215 Business Law – Basic Principles..... 3	LAW 293 Legal Environment of Business .....3
<sup>2</sup> MGMT 234 Diversity in the Workplace..... 3	Satisfies the US Diversity Requirement .....3
<b>Heavy/Civil Construction Pathway</b>	
*CIVL 120 Surveying ..... 4	CNST 206 Surveying (3)+1 .....4
CIVL 135 Soils Technology ..... 3	CNST 000 University Elective .....3
CIVL 141 Site Inspection..... 3	CNST 000 University Elective .....3

**EMU Requirements that May be Taken at LCC or EMU (41 credits)**

*DCTM 150 Civil Construction Materials..... 3	CNST 202 Construction Materials.....3
*MATH 122 Precalculus II..... 4	MATH 107 Plane Trigonometry .....4
*STAT 170 or 215 Intro to Probability and Statistics ..... 4	STAT 170 Elementary Statistics.....4
<sup>3</sup> General Business Minor Electives: Choose three courses: ..... 9	General Business Minor Electives:.....9
ACCG 211, BUSN 118, BUSN 201, CITF 110, or ENGL 127	ACC 241, COB 200, IB 210, IS 215, MGMT 202
* <sup>4</sup> PHYS 221 Introductory Physics I (MTA Natural Science)..... 4	PHY 221 Mechanics, Sound & Heat .....4
* <sup>4</sup> GEOL 221 Physical Geology (MTA Natural Science) ..... 4	ESSC 110 The Dynamic Earth System .....4
* <sup>4</sup> ECON 201 Prin of Economics – Micro (MTA Social Science) ..... 4	ECON 202 Principles of Microeconomics (3)+1 .....4
<sup>4</sup> Remaining MTA requirements: Humanities, Social Science..... 9	University Electives .....9

**Credits at LCC:.....102****Maximum Credits that apply to EMU degree ..... 81**

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

<sup>1</sup> Satisfies a requirement of the General Business minor for EMU's program. If not transferred, must be completed at EMU.

<sup>2</sup> Satisfies EMU's Perspectives on a Diverse World Requirement. If not transferred, a Perspectives on a Diverse World course must be completed at EMU.

<sup>3</sup> Satisfies General Business minor electives for EMU's program. If not transferred, General Business minor electives must be completed at EMU.

<sup>4</sup> Students are encouraged to complete the MTA at LCC. If not completed, students must meet EMU Core General Education requirements at EMU or through transfer credit.

**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.

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### Completion of EMU's Construction Management Program

<b>Major Requirements</b>		<b>(37 credits)</b>
CNST 230	Construction Management Computer Apps .....	3
CNST 302	Contract Documents, Regulations & Specs .....	3
CNST 303	Electrical, Mech & Equipment Systems .....	3
CNST 304	Construction Estimating & Bidding .....	3
CNST 312	Statics and Strength of Materials .....	3
CNST 361	Planning & Scheduling .....	3
<sup>1</sup> CNST 385L4	Cooperative Education in CM (LBC Requirement) .	1
CNST 403	Production Control .....	3
<sup>2</sup> CNST 406W	Construction Law (WI).....	3
CNST 412	Fundamentals of Structural Design.....	3
CNST 436	Heavy/Highway Construction Means & Methods....	3
CNST 440	LEED for New Construction & Major Reno .....	3
CNST 450	Fund of Construction Project Mgmt.....	3

<b>General Business Minor</b>		<b>(6 credits)</b>
MKTG 360	Principles of Marketing .....	3
<sup>3</sup> MGMT 384	Human Resource Management .....	3

**Credits at EMU:** ..... **43**  
**Transfer Credits:** ..... **81**  
**<sup>4</sup>Credits to Graduate:** ..... **124**

<sup>1</sup> Satisfies EMU's "Learning beyond the Classroom" requirement  
<sup>2</sup> Satisfies the "Writing Intensive" requirement  
<sup>3</sup> Requirement of the ACCE accrediting organization.  
<sup>4</sup> 124 credits are required to graduate.

**NOTE:** Any EMU requirements not transferred, must be completed at EMU.

### **Sample sequence for completing program.**

MATH 107 and PHY 221 (MATH 122 and PHYS 221 at LCC) must be completed before enrolling in CNST 312 & CNST 412.

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

<b>Semester 1</b>		<b>(15 credits)</b>
CNST 230	FW .....	3
CNST 302	FW prereq: LAW 293 & CNST 125.....	3
CNST 303	FW prereq: CNST 228.....	3
CNST 304	FW prereq: CNST 229.....	3
MKTG 360	FWS admission to minor is required.....	3

<b>Semester 2</b>		<b>(12 credits)</b>
CNST 312	FW prereq: CNST 202 & PHY 221 .....	3
CNST 361	FW prereq: CNST 229 .....	3
CNST 406W	FW prereq: CNST 302.....	3
CNST 436	FW prereq: CNST 202, 302 & CNST 304.....	3

<b>Semester 3</b>		<b>(4 credits)</b>
CNST 385L4	FWS.....	1
MGMT 384:	FWS admission to minor is required.....	3

<b>Semester 4</b>		<b>(12 credits)</b>
CNST 403	FW prereq: CNST 304 & CNST 361.....	3
CNST 412	FW prereq: CNST 312, PHY 221 & MATH 107 .....	3
CNST 440	FW prereq: Jr or Sr level.....	3
CNST 450	FW prereq: CNST 304 & CNST 361.....	3

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### Additional Information:

1. Each institution will determine the satisfaction of their individual program and degree requirements. Both institutions agree to accept transferrable courses from each other and from other regionally accredited institutions. LCC courses indicated with an \* are required for EMU's Construction Management program. 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. Students who enrolled in college prior to fall semester 2014 will have until the end of summer semester 2019 to complete the MACRAO agreement. 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 EMU.
4. Under this agreement, EMU will waive the 60-hour rule and require that a minimum of 30 credit hours must be completed at EMU, of which at least 9 hours in the major and 6 hours in the minor, are at the 300-level or above. Of the last 30 hours completed before graduating, at least 10 hours must be in courses offered by EMU. A minimum of 124 credit hours, completed in-residence or accepted in transfer, is required for graduation. Courses listed in this guide may be completed at the most opportune time for students, whether before or after admission to EMU, as long as appropriate pre-requisites are satisfied.
5. Students must satisfy all admission requirements at the time of application for admission to EMU, including submitting transcripts from all previously attended colleges. LCC students will receive equal consideration with other students for course registration and financial aid.
6. Students must earn a minimum grade of "C-" in each major course.
7. Students are encouraged to contact the EMU Construction Management Program Coordinator before applying to EMU. To facilitate advising and the evaluation of transcripts, [sign up for this articulation agreement](#) and bring a copy to all advising sessions.

### Effective Dates: September 1, 2018 until August 31, 2021.

This is a renewal of an agreement made in September 2013. This agreement is consistent with the 2018-2019 catalog. Students have until summer 2026 to graduate from Eastern Michigan University following this agreement. If 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:

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