

**ARCHIVED CONSTRUCTION MANAGEMENT AGREEMENT GUIDE**

Oakland Community College – **AAS in Construction Management**  
 Eastern Michigan University – **BS in Construction Management**

**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 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 OCC or EMU. Students who started college before fall semester 2014 may continue to follow the MACRAO Agreement until the end of the summer semester 2019. [OCC courses approved for the MTA.](#)

<b>Oakland Community College Courses:</b>	<b>Transfer to Eastern Michigan University as:</b>
<b>1. A course in English Composition</b>	
ENG 1510 Composition I.....3	WRTG 120 (University Elective)..... 3
<b>2. A course in Communication</b>	
COM 1290 Interper Com or COM 1600 Fund of Speech .....3	CTAC 227 (University Elective)..... 3
<b>3. A course in Mathematics</b>	
*MAT 1580 Statistics.....4	STAT 170 Elementary Statistics (Gen. Rest. Elective) ..... 4
<b>4. Two courses in Natural Sciences from different disciplines (one lab required)</b>	
*PHY 1610 College Physics I.....4	PHY 221 Mechanics, Sound & Heat (Gen. Rest. Elective) ..... 4
*GSC 1530 Introductory Geology.....4	ESSC 110 The Dynamic Earth System (Gen. Rest. Elective) .... 4
<b>5. Two courses in Humanities and Fine Arts from different disciplines</b>	
Choose from the approved MTA list .....3-4	University Elective ..... 3-4
<sup>1</sup> Complete one: ENG 1610, 2530, 2540; HIS 1520; MUS 1585.....3	Perspectives on a Diverse World Requirement..... 3
<b>6. Two courses in Social Sciences from different disciplines</b>	
*ECO 2610 Economics.....3	Sub for <b>ECON 100 or 200</b> (ECON 201) (Gen. Rest. Elective)... 3
Choose a second course from the approved MTA list.....3-4	University Elective ..... 3-4
<b>7. If needed, complete additional courses in any of the above categories to satisfy the 30 credit minimum for the MTA.</b>	

**OCC Program Requirements (43 credits)**

* <sup>2</sup> ACC 1800 Accounting Procedures.....2	Subs for <b>ACC 240</b> Principles of Accounting I (4)-2 ..... 2
*CMN 1100 Intro to Construction Management.....3	CNST 125 Introduction to Construction ..... 3
*CMN 1200 Construction Building Systems & Materials .....3	CNST 201 Construction Systems..... 3
<sup>3</sup> CMN 1250 Construction Applications.....3	CM Restricted Elective ..... 3
*CMN 1300 Construction Surveying.....3	CNST 206 Surveying..... 3
*CMN 1400 Construction Safety.....3	CNST 213 Construction Safety ..... 3
*CMN 1500 Construction Drawings.....3	CNST 228 Construction Graphics ..... 3
*CMN 1700 Quantitative Analysis of Construction Drawings .....3	CNST 229 Analysis of Commercial Prints..... 3
* <sup>2</sup> CMN 2300 Construction Law .....3	Subs for <b>LAW 293 Legal Environment of Business</b> ..... 3
CMN 2100 Construction Contracts and Administration.....3	University Electives ..... 3
*CMN 2400 & 2500 .....6	Subs for <b>Natural Sciences/Math Restricted Elective (4)+2</b> ... 6
<sup>2</sup> BUS 1100 Introduction to Business.....4	COB 200 Intro to Business (3)+1 (Bus. Elective) ..... 4
<sup>2</sup> CIS 1050 Personal Computer Productivity Tools.....4	IS 215 Information Systems for Business (Bus Elective)... 4

**EMU Requirements that May be Taken at OCC or EMU (13 credits)**

* <sup>2</sup> BUS 2800 Human Resource Management.....3	Subs for <b>MGMT 384</b> ..... 3
* <sup>2</sup> ENG 1350 Business Communications.....3	MGMT 202 Business Communication ..... 3
<sup>3</sup> MAT 1540 College Algebra.....4	MATH 105 College Algebra (CM Rest Elective)..... 4
<sup>3</sup> MAT 1560 Trigonometry.....3	MATH 107 Plane Trigonometry (CM Rest Elective)..... 3

**Credits at OCC: ..... 86      Maximum Credits that transfer to EMU ..... 86**

\* Required course or prerequisite for EMU’s Construction Management program.  
<sup>1</sup> Satisfies EMU’s Perspectives on a Diverse World Requirement.  
<sup>2</sup> Applies to the 15 hours of Business Requirements for EMU’s program.  
<sup>3</sup> Applies to the 12 hours of Construction Management Restricted Electives required for EMU’s program.

**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. Sign up at: [www.emich.edu/ccr/trackingssystem/Enter.php](http://www.emich.edu/ccr/trackingssystem/Enter.php)**

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**Completion of EMU’s Construction Management Program**

**Major Requirements (37 credits)**

**Required Courses (34 credits)**

CNST 202	Construction Materials .....	3
CNST 302	Contract Documents, Regulations & Specs .....	3
CNST 303	Electrical, Mech & Equipment Systems .....	3
CNST 304	Construction Estimating & Bidding .....	3
CNST 361	Planning & Scheduling .....	3
<sup>1</sup> CNST 385L4	Cooperative Education in CM (LBC Req) .....	1
CNST 403	Production Control .....	3
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

**CM Restricted Electives (3 credits)**

CNST 220	Design Manage Build (3)
CNST 426	Mechanical & Elect Construction Applic (3)
CNST 427	Industrial Construction (3)
CNST 437	Environmental Construction Contracting (3)
CNST 438	Fundamentals of Land Development (3)
CNST 446	Professional Issues & Ethics in Project Mgmt (1)
CNST 479	Special Topics (3)
CNST 497	Directed Study in CM Techniques (1)
GHPR 335	Historic Preservation (3)
IDE 131	Interior Design Theory I (3)
IDE 317	Lighting Systems for Interior Designers (3)
URP 215	Introduction to Urban & Regional Planning (3)

**University Electives (3 credits)**

A minimum of 40 credits is required to graduate at EMU under this agreement. See advisor in assistance in selecting 3 credits to apply toward graduation requirements.

<b>Credits at EMU:</b> .....	<b>40</b>
<b>Transfer Credits:</b> .....	<b>86</b>
<b><sup>2</sup>Credits to Graduate:</b> .....	<b>124</b>

<sup>1</sup> Satisfies EMU’s “Learning beyond the Classroom” requirement (LBC) and may be taken in any semester

<sup>2</sup> A minimum of 124 credit hours is required to graduate. If sufficient credits are not transferred, additional credits must be completed at EMU to satisfy the 124 credit minimum.

**Sample Sequence for completing the program:**

*Courses may not be offered every semester, consult the program advisor to complete a program of study.*

**First Semester (12 credits)**

CNST 202	Construction Materials .....	3
CNST 302	Contract Documents, Regulations & Specs .....	3
CNST 303	Electrical, Mech & Equipment Systems .....	3
CNST 361	Planning & Scheduling .....	3

**Second Semester (15 credits)**

CNST 304	Construction Estimating & Bidding .....	3
CNST406W	Construction Law .....	3
CNST 412	Fundamentals of Structural Design .....	3
CNST 440	LEED for New Const. & Maj. Renovations .....	3
University Elective	.....	3

**Third Semester (13 credits)**

CNST 385L4	Cooperative Education .....	1
CNST 403	Production Control .....	3
CNST 436	Heavy/Highway Construction Means & Mthds....	3
CNST 450	Fund of Construction Project Management .....	3
CM Restricted Elective	.....	3

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

**ARCHIVED CONSTRUCTION MANAGEMENT AGREEMENT GUIDE**Oakland Community College – **AAS 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 transferrable courses from each other and from other regionally accredited institutions. OCC 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 40 credit hours must be completed at the four-year college level, of which 30 hours must be in courses offered by EMU, with 15 hours in program requirements, 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. OCC students will receive equal consideration with other students for course registration and financial aid.
6. 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: January 1, 2018 until January 1, 2021.**

This is a renewal of an agreement made in September 1998 and renewed in 2002, 2007, 2010, and extended through August 31, 2015. This agreement is consistent with the 2017-2018 catalog. Students have until summer 2025 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:****Oakland Community College**

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**Eastern Michigan University**

GameAbove College of Engineering &amp; Technology

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