

CONSTRUCTION MANAGEMENT ARTICULATION AGREEMENT GUIDE

Oakland Community College – AAS in Construction Management

Eastern Michigan University – BS in Construction Management

Oakland 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 OCC. For OCC 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

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

2. A course in English Composition or Communication

Choose one: COM 1290 or COM 1600	3	COMM 227 or COMM 124 (GEEC).....	3
--	---	----------------------------------	---

3. A course in Mathematics

* MAT 1580 Statistics.....	4	STAT 170 Elementary Statistics	4
----------------------------	---	--------------------------------------	---

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

* GSC 1530 Introductory Geology.....	4	ESSC 110 The Dynamic Earth System	4
--------------------------------------	---	---	---

* PHY 1610 College Physics I.....	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 2610 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 2290; **Natural Science:** BIO 1500; **Humanities:** ENG 1610, 2540, 2570; HIS 1520; MUS 1585; **Social Sciences:** ANT 1540; GEO 1520; HIS 1520, 1550, 2620; POL 2530, 2610; SOC 2620

These courses apply, but do not satisfy the MTA: BUS 2150; PSY 2730; SOC 2530, 2560

OCC Construction Management Program Requirements (43 credits)

ACC 1800 Accounting Procedures	2	AACR 000 General Transfer Credit.....	2
--------------------------------------	---	---------------------------------------	---

* BUS 1100 Introduction to Business.....	4	COB 200 Intro to Business (3)+1 (Business minor elect).....	4
--	---	---	---

* CIS 1050 Personal Computer Productivity Tools.....	4	IS 215 Info Sys for Bus (3)+1 (Business minor elect).....	4
--	---	---	---

* CMN 1100 Introduction to Construction Management.....	3	CNST 125 Introduction to Construction.....	3
---	---	--	---

* CMN 1200 Construction Building Systems & Materials	3	CNST 201 Construction Systems.....	3
--	---	------------------------------------	---

CMN 1250 Construction Applications.....	3	CNST 000 General Transfer Credit.....	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
---	---	---	---

CMN 2100 Construction Contracts and Administration.....	3	CNST 000 General Transfer Credit.....	3
---	---	---------------------------------------	---

CMN 2300 Construction Law	3	CNST 000 General Transfer Credit.....	3
---------------------------------	---	---------------------------------------	---

CMN 2400 Construction Planning and Scheduling	3	CNST 000 General Transfer Credit.....	3
---	---	---------------------------------------	---

CMN 2500 Construction Estimating and Techniques.....	3	CNST 000 General Transfer Credit.....	3
--	---	---------------------------------------	---

EMU Requirements and Electives that may be Taken at OCC or EMU (13-14 credits)

* ACC 1810 Principles of Financial Accounting	4	ACC 240 Principles of Financial Accounting I (3)+1	4
---	---	--	---

* BUS 2030 Business Law I.....	3	LAW 293 Legal Environment of Business	3
--------------------------------	---	---	---

* MAT 1560 Trigonometry.....	3	MATH 107 Plane Trigonometry (2)+1.....	3
------------------------------	---	--	---

* General business minor elective, choose one from below	3-4	General business minor elective	3-4
--	-----	---------------------------------------	-----

ACC 1820, BUS 2150, ENG 1350, ENG 2200, MKT 1020.....		ACC 241, IB 210, MGMT 202, MGMT 202, MKTG 261	
---	--	---	--

Credits at OCC:	86-87	Credits that transfer to EMU.....	86-87
------------------------------	--------------	--	--------------

*Required for EMU's BS in Construction Management program. If not transferred, must be completed 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 GUIDEOakland Community College – **AAS in Construction Management**Eastern Michigan University – **BS in Construction Management****Completion of the BS in Construction Management****Major Requirements (46 credits)****Program Requirements (40 credits)**

CNST 212	Construction Materials and Testing	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
¹ CNST 385L4	Cooperative Education	1
CNST 403	Production Control	3
² CNST 406W	Construction Law	3
CNST 412	Structural Systems	3
CNST 436	Heavy/Highway Construct Means & Methods	3
CNST 440	LEED for New Construction & Renovations	3
CNST 450	Fund of Construction Project Management	3

General Business Minor Requirements (6 credits)

MKTG 300	Principles of Marketing	3
MGMT 384	Human Resource Management	3

MGMT 384 is a requirement of the ACCE accrediting organization

LBC Requirement

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

Credits at EMU: 46**Transfer Credits: 86-87****Minimum Credits to Graduate: 124****Sample sequence for completing program.**

PHY 221 (PHY 1610 at OCC) must be completed before enrolling in CNST 312. MATH 107 (MAT 1560 at OCC) must be completed before enrolling in CNST 412.

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

Semester 1 (12 credits)

CNST 212	FW prereq: MATH 105 and 107	3
CNST 230	FW	3
CNST 303	FW prereq: CNST 228	3
CNST 304	FW prereq: CNST 229	3

Semester 2 (15 credits)

CNST 302	FW prereq: LAW 293 & CNST 125	3
CNST 312	FW prereq: CNST 212 & 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 (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 412	FW prereq: CNST 312, PHY 221 & MATH 107	3
CNST 436	FW prereq: CNST 202, 302 & CNST 304	3
CNST 440	FW prereq: Jr or Sr level	3
CNST 450	FW prereq: CNST 304 & CNST 361	3

¹ CNST 385L4 may be waived by the Program Coordinator. Students who have the credit waived will not have to take another course in place of it to fulfill the 1 credit to meet the 45 credits, but they must fulfill the LBC credit with another course or experience. See advisor for assistance.

² Satisfies EMU's Writing Intensive requirement.

CONSTRUCTION MANAGEMENT ARTICULATION AGREEMENT GUIDEOakland 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 transferable courses from each other and from other regionally accredited institutions. OCC 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 124 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. OCC students will receive equal consideration with other students for course registration and financial aid.
6. Students are encouraged to contact EMU's GameAbove College of Engineering and Technology Student Services 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 1998, and renewed in September 2002, September 2007, September 2010, September 2015, January 2018, with extensions in 2013 and 2014. 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:**Oakland Community College**

Auburn Hills: 248.232.4350

Royal Oak: 248.246.2464

Southfield: 248.233.2750

Highland Lakes: 248.942.3050

Orchard Ridge: 248.522.3450

Eastern Michigan University

GameAbove College of Engineering & Technology Student Services

734.487.8659; cet_advising@emich.edu

<https://www.emich.edu/cet/student-services/index.php>