

CONSTRUCTION MANAGEMENT ARTICULATION AGREEMENT GUIDE

Henry Ford College – AAS in Civil Engineering Technology

Eastern Michigan University – BS in Construction Management

Henry Ford 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 HFC. For HFC approved MTA courses go to HFC'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 from the approved MTA list.....3 General Transfer Credit 3

3. A course in Mathematics

* MATH 141 Introduction to Statistics.....4 STAT 170 Elementary Statistics (3)+1 (GEQR)..... 4

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

* GEOL 131 Physical Geology4 ESSC 110 The Dynamic Earth System..... 4

* CHEM 131 Principles of Chemistry4 CHEM 117/118 Fundamentals of Chemistry 4

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

Choose two from the approved MTA list6 General Transfer Credit 6

6. Two courses in Social Sciences from different disciplines

* Choose one from: BEC 151 or 1523 ECON 201 or ECON 202 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: **Natural Science:** BIO 138 (non-lab); **Humanities:** ART 224, 225, 226, 227; ENG 243, 248; PHIL 201; WR 233, 236, 241; **Social Science:** ANTH 131, 151, 152, 154; EDU 296; GEOG 132; HIST 113, 243, 252, 261; POLS 152; PSY 296; SOC 152, 251. **This course applies, but does not satisfy the MTA:** ART 229, BBA 250; LGL 248; PLGL 248

HFC Civil Engineering Technology Program Requirements (45 credits)

* BLDA 100 Introduction to Autocad (4) and

* BLDA 130 Introduction to Revit (4) 8 CNST 228 Construction Graphics (3)+5 (need both courses)..... 8

BLDA 120 Introduction to Carpentry 4 CNST 000 General Transfer Credit 4

BLDA 135 Soils and Foundations 4 CIVE 000 General Transfer Credit 4

* BLDA 140 Construction Systems 1 (4) and

* BLDA 240 Construction Systems 2 (4)..... 8 CNST 201 Construction Systems 8

* BLDA 250 Surveying and Site Design 4 CNST 206 Surveying (3)+1 4

* BLDA 260 Construction Estimating..... 4 CNST 229 Analysis of Commercial Prints 4

* BLDA 280 Building Science Capstone..... 4 CNST 125 Introduction to Construction (3)+1 4

* CIS 100 Intro to Information Technology (Comp Req)..... 3 IS 215 Info Systems for Business (Business Minor) 3

ENGR 201 Science of Materials 3 PDET 111 Materials..... 3

ENGT 245 Applied Statics 3 MET 000 General Transfer Credit 3

EMU Requirements and Electives that May be Taken at HFC or EMU (21 credits)

* BAC 131 Introduction to Financial Accounting 4 ACC 240 Principles of Financial Accounting (3)+1 4

* BLW 253 Business Law and the Legal Environment..... 4 LAW 293 Legal Environment of Business (3)+1 4

* MATH 112 Trigonometry 3 MATH 107 Plane Trigonometry (2)+1 3

* Choose 2 courses from the following: 6 General Business Minor Elective Credit 6

BAC 132, BBA 131, BBA 231, BBA 250 (see note below) ACC 241, COB 200, MGMT 202, IB 210

* PHYS 131 General Physics I..... 4 PHY 221 Mechanics, Sound and Heat 4

Credits at HFC:.....96 Credits that transfer to EMU..... 96

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

Note: Additional courses that can apply to the General Business Minor: BBA 133, MGT 230, MGT 231, MGT 232, MGT 238, MGT 241

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 the BS Construction Management at EMU**Major Requirements (43 credits)**

CNST 212	Construction Materials and Testing	3
CNST 213	Construction Safety	3
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
¹ CNST 385L4	Coop Education in CM (LBC Requirement) ...	1
CNST 403	Production Control.....	3
² CNST 406W	Construction Law	3
CNST 412	Fundamentals of Structural Design	3
CNST 436	Heavy/Highway Construct Means & Methods.	3
CNST 440	LEED for New Construction & Major Reno.....	3
CNST 450	Fund of Construction Project Mgmt	3

General Business Minor (6 credits)

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

LBC Requirement

One Learning Beyond the Classroom (LBC) course or noncredit experience must be completed at EMU. CNST 385L4 will fulfill this requirement. For other options, please see your advisor.

Credits at EMU49

Transfer Credits96

Minimum Credits to Graduate:120

¹ Satisfies EMU's "Learning beyond the Classroom" requirement. CNST 385L4 may be waived if student has previous work experience in the field. Student will need 48 credits at EMU instead of 49 if the requirement is waived. If requirement is waived, student must complete another approved LBC experience at EMU.

² Satisfies the "Writing Intensive" requirement

³ Requirement of the ACCE accrediting organization.

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

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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. HFC 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 49 credit hours must be completed in EMU courses, with at least 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. HFC students will receive equal consideration with other students for course registration and financial aid.
6. Students are encouraged to contact EMU's Undergraduate Admissions 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, 2022 until August 31, 2025.

This agreement is consistent with the 2022-2023 catalog. Students have until summer 2030 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.

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