

**ARTICULATION AGREEMENT GUIDE**

Monroe County Community College – **AAS in CIS – App Development**  
 Eastern Michigan University – **BBA in Computer Information Systems**

**Monroe County 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 MCCC. For MCCC approved MTA courses go to Monroe's website. Students without the MTA or MACRAO endorsement must complete EMU's general education program.

<b>1. A Course in English Composition</b>		
ENGL 151 English Composition I.....	3	WRTG 120 Composition I..... 3
<b>2. A Second Course in English Composition or Communication</b>		
Choose from the approved MTA list .....	3	General Transfer Credit..... 3
<b>3. A Course in Mathematics</b>		
<sup>1</sup> MATH 162 Introduction to Statistics.....	3	STAT 170 Elementary Statistics (GEQR) (sub for DS 265) 3
<b>4. Two Courses in Natural Sciences from different disciplines (one lab required)</b>		
Choose from the approved MTA list .....	7-8	General Transfer Credit..... 7-8
<b>5. Two Courses in Humanities from different disciplines</b>		
Choose from the approved MTA list.....	6	General Transfer Credit..... 6
<b>6. Two Courses in Social Science from different disciplines</b>		
*ECON 251 Principles of Macroeconomics .....	3	ECON 201 Principles of Macroeconomics .....
Choose 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:** BIOL 156; **Humanities:** ENGL 240, 255, 266; HUMAN 257; **Social Sciences:** ANTHR 152; GEOG 152; GWST 151; HIST 159, 173; POLSC 211, 252; SOC 253.

**These courses apply, but do not satisfy the MTA:** BMGT 220; CIA 105

**MCCC CIS - App Development Program (32 credits)**

CIA 103 Information Security Principles.....	3	IA 103 Information Security Overview.....	3
CIS 112 Database Software.....	3	BMMT 000 General Transfer Credit.....	3
*CIS 130 Introduction to Computer Info Systems .....	3	IS 215 Information Systems for Business .....	3
CIS 150 Computer Science I.....	4	COSC 246 Programming in C++ (3)+1 .....	4
CIS 153 Desktop App Programming .....	3	COSC 000 General Transfer Credit.....	3
CIS 183 Mobile App Development.....	4	COSC 000 General Transfer Credit.....	4
CIS 184 Photoshop Graphics.....	3	CMT 205 Digital Phot-Technology.....	3
CIS 209 Network Concepts.....	3	CMT 305 Communication Transmission Systems.....	3
CIS 212 Full Stack Development .....	3	COSC 000 General Transfer Credit.....	3
Additional CIS or CIA course.....	3	General Transfer Credit.....	3

**EMU Requirements that may be completed at MCCC or EMU (22 credits)**

*ACCTG 151 Accounting Principles.....	4	ACC 240 Principles of Financial Accounting (3+1) .....	4
*ACCTG 152 Accounting Principles.....	4	ACC 241 Principles of Managerial Accounting (3)+1 .....	4
*BSLW 251 Business Law (General Elective).....	4	LAW 293 Legal Environment of Business (3) +1.....	4
*BMGT 202 Business Communication in Digital Age .....	3	MGMT 202 Business Communication .....	3
*BUSAD 151 Introduction to Business.....	4	COB 200 Introduction to Business (3)+1.....	4
*ECON 252 Principles of Microeconomics .....	3	ECON 202 Principles of Microeconomics .....	3

**Credits at MCCC: .....84 Credits that transfer to EMU..... 84**

\*Required for EMU's BBA with any Business Major program. If not transferred, must be completed at EMU.

<sup>1</sup> MATH 162 satisfies EMU's Quantitative Reasoning requirement and will also satisfy the requirement for DS 265 as a sub.

Note: Students must have the MTA or MACRAO endorsed on their transcript or who complete ENGL 151 and SPCH 151 or 152 with a "C" or higher at MCCC or WRTG 121 and COMM 124 at EMU with a "C-" or higher.

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**Completion of the BBA in Computer Information Systems at EMU****Business Administration Core (15 credits)**

FIN 350	Principles of Finance .....	3
MGMT 386	Organizational Behavior & Theory .....	3
MGMT 490	Business Policy .....	3
MKTG 360	Principles of Marketing .....	3
OM 374	Introduction to Operations Management .....	3

**Discipline Requirements (30 credits)**

IS 247	Introduction to Web Application Development .....	3
IS 320	Business Data Comm & Information Security .....	3
IS 350	Enterprise Resource Planning and Architecture .....	3
IS 380	Data and Information Management .....	3
IS 417	Systems Analysis and Design .....	3
IS 425	IS Project and Risk Management .....	3
IS 449W	IS Strategy, Management & Acquisition .....	3
Restricted Electives (choose 3 courses): .....		9
IS 310	Social Media for Business (3)	
IS 315	Object Oriented Application Development (3)	
IS 385	Data Warehousing (3)	
IS 400	Business Data Modeling & Visualization (3)	
IS 405	Web Content Mining (3)	
IS 410	Data Mining (3)	
IS 415	Business Mobile Application Development (3)	
IS 422	Social Media Network Analysis (3)	
IS 427	Business Process and Identity Management (3)	
IS 437	Intro to Business Info Technology Audit (3)	

**LBC Requirement**

One Learning beyond the Classroom (LBC) course or noncredit experience must be completed at EMU. Consult College of Business advisor for options.

<b>Transfer Credits:</b> .....	<b>84</b>
<b>Credits at EMU:</b> .....	<b>45</b>
<b>Credits to Graduate:</b> .....	<b>129</b>

**Sample Sequence for completing the program:**

Courses may not be offered every semester. Consult with a COB advisor to make a course plan.

**First Semester (12 credits)**

FIN 350	F,W,S, prereq: ACC 240 .....	3
MKTG 360	F,W,S, online .....	3
IS 320	F,W, prereq: IS 215 .....	3
IS 247	F,W .....	3

**Second Semester (12 credits)**

MGMT 386	F,W,S, online .....	3
OM 374	F,W,S, online, prereq: DS 251 or 265 .....	3
IS 380	F,W,S, prereq: IS 247 .....	3
IS 417	F,W, prereq: IS 247 .....	3

**Third Semester (12 credits)**

MGMT 490	F,W,S, online, Concur Prereq: OM 374 .....	3
IS 350	F, prereq: IS 215 .....	3
IS 425	F,W, prereq: IS 380 .....	3
IS Restricted Elective	.....	3

**Fourth Semester (9 credits)**

IS 449W	F,W, pre-req: IS 417 and IS 425 .....	3
IS Restricted Electives	.....	6

## ARTICULATION AGREEMENT GUIDE

Monroe County Community College – AAS in CIS App Development

Eastern Michigan University – BBA in any Business Major

### 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. MCCC courses indicated with an \* are required for EMU's BBA in Any Business Major. 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 42 credit hours must be completed in EMU courses, with at least 15 hours in the program 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. To be admitted to the COB, students must have completed all 12 pre-admission courses and have an EMU gpa of 2.5 or higher. Students missing pre-admission business foundation courses beyond DS 265 or DS 251 should consult with an EMU advisor to plan how to complete these courses.
6. Students must satisfy all admission requirements at the time of application for admission to EMU, including submitting transcripts from all previously attended colleges. MCCC students will receive equal consideration with other students for course registration and financial aid.
7. Students are encouraged to contact EMU's Undergraduate Admissions Office before applying to EMU. To facilitate advising and the evaluation of transcripts, bring a copy of this articulation guide to all advising sessions.

### Effective Date: September 1, 2023 until August 31, 2026.

This is a renewal of an agreement made in September 2006 and renewed in September 2009, May 2013, May 2016, and September 2019. This agreement is consistent with the 2023-2024 catalog. Students have until summer 2031 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:

#### Monroe County Community College

Admissions and Guidance Office

S-101

734.384.4104

[admissions@monroeccc.edu](mailto:admissions@monroeccc.edu)

#### Eastern Michigan University

Undergraduate Admissions

Student Center Suite 220

734.487.6453; [transfer\\_admissions@emich.edu](mailto:transfer_admissions@emich.edu)

[Schedule an appointment](#)