

## BBA IN CIS ARTICULATION AGREEMENT GUIDE

Henry Ford College – AAS in Computer Information Systems

Eastern Michigan University – BBA in Computer Information Systems

**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 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**

ENG 131 Introduction to College Writing.....3	WRTG 120 General Transfer Credit..... 3
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**2. A course in English Composition or Communication**

Choose one from the approved MTA list .....3	General Transfer Credit..... 3
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**3. A course in Mathematics**

<sup>1</sup> MATH 141 Introduction to Statistics .....4	STAT 170 Elementary Statistics (3)+1 (GEQR)..... 4
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**4. Two courses in Natural Sciences from different disciplines (one lab required)**

Choose two from the approved MTA list.....7-8	General Transfer Credit..... 7-8
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**5. Two courses in Humanities and Fine Arts from different disciplines**

Choose two from the approved MTA list.....6	General Transfer Credit..... 6
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**6. Two courses in Social Sciences from different disciplines**

* BEC 151 Principles of Macroeconomics .....3	EON 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: **Natural Science:** BIO 138 (non-lab); **Humanities:** ART 224, 225, 226, 227; ENG 243, 248 **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: BBA 250; LGL 248; PHIL 201; PLGL 248; WR 233, 236, 241

**HFC Computer Information Systems Program Requirements (42 credits)**

* CIS 100 Introduction to Information Technology.....3	IS 215 Information Systems for Business ..... 3
CIS 111 SQL for Database Development .....3	IS 000 General Transfer Credit..... 3
CIS 112 Introduction to Networking .....3	IT 110 General Transfer Credit..... 3
CIS 122 Web Internet Technologies .....3	COSC 231 General Transfer Credit..... 3
CIS 125 Principles of Programming Logic .....4	IT 145 General Transfer Credit (3)+1 ..... 4
* CIS 126 HTML/CSS Web Program (CIS Course).....4	IS 247 Intro to Web Application Development (3)+1 ..... 4
CIS 129 Introduction to UNIX with Shell Scripting .....4	IA 212 General Transfer Credit (3)+1 ..... 4
<sup>N</sup> CIS 130 C# Programming (see elective note below) .....3	COSC 000 (CIS 130 + CIS 232 = IS 315)..... 3
CIS 170 C Programming (see elective note below) .....3	COSC 000 General Transfer Credit..... 3
<sup>N</sup> CIS 171 Java Programming .....3	COSC 111 (CIS 171 + CIS 271 = IS 315)..... 3
CIS 294 Software Engineering.....3	COSC 000 General Transfer Credit..... 3
<sup>N</sup> CIS Electives: Two from: CIS 172, 222, 230, 232, 241, 270, 271 6	Variable Credit..... 6

*For this agreement select either CIS 271 or 232*

**EMU Requirements and Electives that may be Taken at HFC or EMU (22 credits)**

* BAC 131 Introduction to Financial Accounting .....4	ACC 240 Principles of Financial Accounting (3)+1 ..... 4
* BAC 132 Introduction to Managerial Accounting.....4	ACC 241 Principles of Managerial Accounting (3)+1 ..... 4
* BBA 131 Introduction to Business.....4	COB 200 Introduction to Business (3)+1 ..... 4
* BEC 152 Principles of Microeconomics.....3	ECON 202 Principles of Microeconomics ..... 3
* BLW 253 Business Law and the Legal Environment.....4	LAW 293 Legal Environment of Business (3)+1..... 4
* BBA 231 Business Office Communications .....3	MGMT 202 Business Communication ..... 3

**Credits at HFC:.....94 Credits that transfer to EMU..... 94**

\* Required for EMU's BBA in Computer Information Systems program. If not transferred, must be completed at EMU.

<sup>1</sup> MATH 141 (STAT 170) will apply as a prerequisite for DS 251

<sup>N</sup> Students need to complete either CIS 130+232 or CIS 171+271 to receive credit for IS 315 at EMU not both. Students who do not complete either combination will be required to complete IS 315 at EMU.

Students must have the MTA or MACRAO endorsement or must complete at EMU or transfer: WRTG 121 or ENG 132 or 135, COMM 124 or SPC 131  
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.

**BBA IN CIS ARTICULATION AGREEMENT GUIDE**Henry Ford College – **AAS in Computer Information Systems**Eastern Michigan University – **BBA in Computer Information Systems****Completion of the BBA in Computer Information Systems****Business Core Requirements (18 credits)***Choose one course from the following:* ..... 3

DS 251 Business Statistics for Decision Making (3)

DS 265 Business Statistics (3)

FIN 350 Principles of Finance ..... 3

MGMT 386 Organizational Behavior and Theory ..... 3

MGMT 490 Business Policy ..... 3

MKTG 360 Principles of Marketing ..... 3

OM 374 Introduction to Operations Management ..... 3

**Discipline (24 credits)**

Required Courses (18 credits)

IS 320 Business Data Communications &amp; Info Security .. 3

IS 350 Enterprise Resource Planning and Architecture... 3

IS 380 Data and Information Management..... 3

IS 417 Systems and Analysis and Design ..... 3

IS 425 IS Project and Risk Management..... 3

IS 449W IS Strategy, Management, and Acquisition..... 3

Restricted Electives (6 credits)

Choose six credit hours from the following:

IS 310 Social Media for Business ..... 3

IS 315 Object-Oriented Application Development..... 3

IS 385 Data Warehousing..... 3

IS 400 Business Data Modeling and 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 Information Technology Audit... 3

\* Students that do not complete the equivalency for IS 315 at HFC will have to choose an additional course for restricted electives.

**LBC Requirement**

Students must complete one Learning Beyond the Classroom course or noncredit experience offered by EMU. Consult your advisor for options.

**Credits at EMU: ..... 42****Transfer Credits: ..... 94****Total Credits: ..... 136**

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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 transferable courses from each other and from other regionally accredited institutions. HFC courses indicated with an \* are required for EMU's BBA in Computer Information Systems. 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 124 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-admissions courses and have an EMU gpa of a 2.5 or higher. Students who have completed all of the pre-admission business foundation courses except DS 265 or DS 251 will need to successfully complete DS 265 or DS 251 in their first semester at EMU. Students missing pre-admission business foundation courses beyond DS 265 or DS 251 should consult with an EMU advisor for a plan to complete the courses.
6. Students are encouraged to contact the College of Business Undergraduate Advising Office 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 February 2021 and renewed in 2024. 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:

#### Henry Ford College

School of BEPD [bepdinfo@hfcc.edu](mailto:bepdinfo@hfcc.edu)

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#### Eastern Michigan University

College of Business Undergraduate Advising Office

Hill Hall: 734.487.2344

[cob.undergraduate@emich.edu](mailto:cob.undergraduate@emich.edu)