

**ARTICULATION AGREEMENT RENEWAL BETWEEN**  
**Henry Ford College**  
**AAS in Computer Information Systems**  
**and**  
**Eastern Michigan University**  
**BBA in Computer Information Systems**

**Article I**  
**Agreement on Principle**

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Eastern Michigan University (EMU) and Henry Ford College (HFC) agree that students who choose to begin their studies at a community college and transfer to a university to earn a bachelor's degree should be provided with a smooth curriculum transition that minimizes loss of credit and duplication of coursework. Therefore, EMU and HFC agree to enter into this Articulation Agreement ("Agreement") to facilitate the completion of the AAS in Computer Information Systems at HFC and the BBA in Computer Information Systems at EMU. Both parties enter into this Agreement as cooperating, equal partners who shall maintain the integrity of their separate programs.

**Article II**  
**Agreement on Program Specifics**

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EMU and HFC agree that interested students may transfer the course credits indicated on the attached articulation guide toward a BBA in Computer Information Systems at EMU. Under this Agreement, EMU will waive the 60-hour rule and require that a minimum of 30 credit hours must be completed in courses offered by EMU, of which 15 hours must be in major/program requirements at the 300-level or above. A minimum of 124 total credits is required to graduate.

To use this Agreement students must apply and be admitted to EMU. Students will receive equal consideration with other students seeking admission and financial aid.

The Michigan Transfer Agreement (MTA) requirements may be completed at the most appropriate time for the student whether before or after admission to EMU. If already on the transcript, the MACRAO designation will be accepted at EMU after summer semester 2019. Students who have not satisfied the MTA or MACRAO agreement must complete EMU's General Education Requirements as applied to transfer students. All other EMU graduation and program requirements must be satisfied whether by transferred courses, EMU courses, or approved substitutions or waivers.

For the purpose of this Agreement, both HFC and EMU agree to accept transferable courses from each other and from other regionally accredited institutions. Articulation guides will be provided to assist students in completing the articulated program of study. Each institution will determine the satisfaction of their individual program and degree requirements. HFC courses indicated with an \* on the articulation guide are required for EMU's program. Any substitutions for these courses must be approved by the EMU program coordinator if not already stated in the agreement. In the case of a student who has accumulated credits before declaring this program, every effort will be made to maximize the use of credits already completed. All students using this agreement will be encouraged to complete an associate degree, although it is not required. Students will be informed of reverse transfer

opportunities. Disputes regarding the transfer of courses may be appealed to the EMU Provost by contacting the Office of Community College Relations 734.487.6577.

### **Article III**

#### **Agreement on Communication**

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EMU and HFC agree to cooperate in communicating with each other and with their common and respective publics concerning the established relationship between the two institutions. Communication may include the development of various kinds of publications to inform those who might benefit personally or professionally from the opportunities provided by this Agreement. Faculty and staff at both institutions will share the information in this Agreement with interested and qualified students and both institutions will provide counseling and advising to students and prospective students. EMU will provide transfer student performance data to HFC officials annually through the Community College Transfer Student Report. To the extent permitted by applicable law, including the Family Educational Rights and Privacy Act ("FERPA"), 20 U.S.C. § 1232g, and its implementing regulations, 34 C.F.R. § 99.1 et seq., HFC and EMU will share data on student achievement to assess program effectiveness.

### **Article IV**

#### **Maintenance and Review Procedures**

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At least one administrative or faculty member from each institution will be appointed to act as agents for the implementation of this Agreement, to speak for the institutions and to communicate changes to respective faculty members, advisors, counselors, and others to whom the information is pertinent. Responsibility for oversight of this agreement rests with the Director of Academic Services at HFC and the Dean of the College of Business at EMU. Both parties agree to communicate annually any changes in their respective programs that may affect this articulation agreement.

**Effective Date: September 1, 2021 until August 31, 2024.**

This is a renewal of an agreement made in January 2015 and renewed in January 2018. 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.

Termination: Either Party may terminate this Agreement without cause with 30 days written notice to the other, with the stipulation that students involved in programming at HFC or EMU pursuant to this Agreement at the time of termination shall be allowed to complete their training under the terms of the Agreement.

### **Article V**

#### **Miscellaneous Provisions**

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**Discrimination:** The Parties agree orientation that they will not discriminate against any student or participant because of race, color, age, sex/gender, sexual, gender identity, gender expression, religion, national origin, height, weight, marital status, disability, perceived disability, political affiliation, familial status, veteran status, genetic or other characteristic protected by law in the performance of

programs and services under this Agreement, consistent with federal and state laws and with the non-discrimination policies of each Party. Neither party will discriminate against any employee or applicant for employment (with respect to hire, tenure, terms, conditions, or privileges of employment, or a matter directly or indirectly related to employment) because of race, color, age, sex/gender, sexual orientation, gender identity, gender expression, religion, national origin, height, weight, marital status, disability, perceived disability, political affiliation, familial status, veteran status, genetic or other characteristic protected by law.

The Parties agree that they will provide appropriate accommodations and services for students with disabilities who are protected by the Americans with Disabilities Act and make sure that all of their programs are also accessible and comply with the Americans with Disabilities Act (ADA), Rehabilitation Act of 1974, World Wide Web Consortium's Accessibility Guidelines (W3CG) and any other applicable law or regulation.

**Notices:** Notices required under this Agreement shall be in writing and shall be sent registered mail or certified mail, return receipt requested. Such notices shall be addressed to the Parties at the addresses set forth below, or at such other address as may be specified by either Party. The Parties may otherwise communicate by email. If either institution is closed due to health or safety reasons, notices may be communicated initially by email with additional notice by certified mail.

If to HFC:        Academic Services (L314)  
Henry Ford College  
5101 Evergreen Rd.  
Dearborn, MI 48128  
academicservices@hfcc.edu

If to EMU:        Director, Community College Relations  
Eastern Michigan University  
200 McKenny Hall  
Ypsilanti, MI 48197  
ccr\_office@emich.edu

**Disputes.** The Parties agree to attempt best efforts to resolve disputes on an informal basis through meetings and discussions. Disputes that are not resolved at the informal level will be submitted to facilitation. If facilitation is unsuccessful, the Parties shall submit their dispute to binding arbitration in lieu of litigation and waive the right to file suit against the other. The arbitration shall be conducted in Dearborn, Michigan by a mutually acceptable arbitrator who shall determine which Party(ies) shall be responsible for paying the arbitrator's fee.

**Invalid Parts.** If any provision of this Agreement is declared by any court of competent jurisdiction to be invalid for any reason, such invalidity shall not affect the remaining provisions. On the contrary, such remaining provisions shall be fully severable, and this Agreement shall be construed and enforced as if such invalid provisions never had been inserted in this Agreement.

**Modifications.** This Agreement may only be modified by written instrument signed by both Parties hereto.

**Enforcement and Governing Law.** All matters relating to the validity, interpretation, performance or enforcement of this Agreement, and any claims arising from or related to this Agreement, will be governed by and construed in accordance with the laws of the United States of America, State of Michigan, without regard to the principle of conflict of laws.

**Indemnification.** Statutory and common law theories and principles of indemnification, contribution, and equitable restitution shall govern and apply to claims, actions, causes of action, costs, expenses and losses (including attorneys' fees) resulting from or caused by the actions or omissions of the parties or their employees pursuant to this Agreement.

**Entire Agreement.** This Agreement embodies the entire agreement of the Parties and supersedes all other verbal and/or written agreements, warranties, representations, or understandings entered into by the Parties and may only be modified by a written amendment executed by authorized signatories of both Parties.

**Counterparts.** This Agreement may be executed in counterparts which, when combined, shall constitute the entire agreement.

**Force Majeure.** Neither Party will be liable for any failure or delay in performing an obligation under this Agreement that is due to any of the following causes, to the extent beyond its reasonable control: acts of God, accident, riots, war, terrorist act, epidemic, pandemic, quarantine, civil commotion, breakdown of communication facilities, breakdown of web host, breakdown of internet service provider, natural catastrophes, governmental acts or omissions, changes in laws or regulations, national strikes, fire, explosion, generalized lack of availability of raw materials or energy.

For the avoidance of doubt, Force Majeure shall not include (a) financial distress nor the inability of either party to make a profit or avoid a financial loss, (b) changes in market prices or conditions, or (c) a party's financial inability to perform its obligations hereunder.

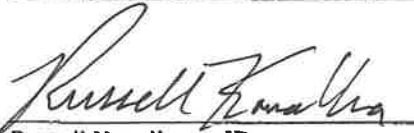
**ARTICULATION AGREEMENT BETWEEN  
Henry Ford College - AAS in Computer Information Systems  
Eastern Michigan University- BBA in Computer Information Systems**

Henry Ford College and Eastern Michigan University agree to the terms of this agreement, which will be in effect from September 1, 2021 until August 31, 2024. The signatories below warrant they are authorized to enter into this Agreement on behalf of their respective Parties.

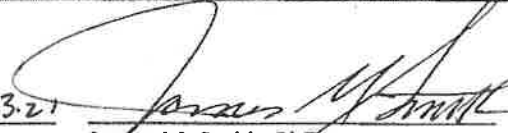
**Signatures**

**Henry Ford College**

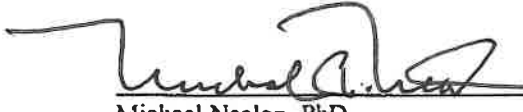
**Eastern Michigan University**

  
Russell Kavalhuna, JD  
President

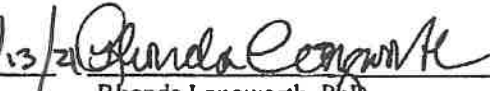
12.13.21  
Date

  
James M. Smith, PhD  
President


11/30/21  
Date

  
Michael Nealon, PhD  
Vice President of Instruction


12/13/21  
Date

  
Rhonda Longworth, PhD  
Provost & Executive Vice President  
Academic and Student Affairs

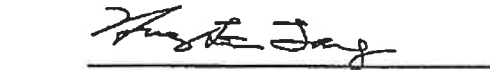
11/21/21  
Date

  
Patricia Chatman, PhD  
Dean, School of Business, Entrepreneurship,  
and Professional Development

12/8/2021  
Date

  
Kenneth Lord, PhD  
Dean, College of Business

11/26/21  
Date

  
Hung Lian-Tang, PhD  
Department Head, Accounting and Finance

11-23-2021  
Date

**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)**

<i>Choose one course from the following:</i> .....		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 & 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.

<b>Credits at EMU:</b> .....	<b>42</b>
<b>Transfer Credits:</b> .....	<b>94</b>
<b>Total Credits:</b> .....	<b>136</b>

## BBA IN CIS ARTICULATION AGREEMENT GUIDE

Henry Ford College – AAS in Computer Information Systems

Eastern Michigan University – BBA in Computer Information Systems

### 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)

Kim Moscardelli, Faculty Contact

313/845.1549; [kimm@hfcc.edu](mailto:kimm@hfcc.edu)

#### Eastern Michigan University

College of Business Undergraduate Advising Office

Hill Hall: 734.487.2344

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