

**ARCHIVED CIS ARTICULATION AGREEMENT GUIDE**

Henry Ford College– AAS in Computer Information Systems  
 Eastern Michigan University – BBA in Computer Information Systems

Henry Ford College Courses:	Transfer to Eastern Michigan University as:
<b>Michigan Transfer Agreement (MTA) Requirements (30-33 credits)</b>	
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 EMU General Education Application Requirements of one Perspectives on a Diverse World course, one Learning Beyond the Classroom experience, and one writing intensive course in the major. <u>Courses listed below for the MTA will also satisfy program requirements at HFC or EMU.</u> For courses approved to satisfy the MTA at HFC, go to HFC's website.	
<b>1. A course in English Composition</b>	
Choose from the approved MTA list .....3	University Elective ..... 3
<b>2. A second course in English Composition or Communication</b>	
Choose from the approved MTA list .....3	University Elective ..... 3
<b>3. A Course in Mathematics</b>	
Choose from the approved MTA list .....4	University Elective ..... 4
MATH 141 Intro to Statistics (recommended)	MATH 170 Basic Statistics (recommended)..... 4
<b>4. Two Courses in Natural Sciences from different disciplines (one lab required)</b>	
Choose from the approved MTA list .....6-8	University Electives ..... 6-8
<b>5. Two Courses in Humanities from different disciplines</b>	
Choose from the approved MTA list .....3-4	University Elective ..... 3-4
<sup>1</sup> Complete one course from the following: .....3	Any Perspectives on a Diverse World Course ..... 3
ART 224, 225, 226, 227; ENG 243, 248; WR 233, 236;	
<b>6. Two Courses in Social Sciences from different disciplines</b>	
*BEC 151 Principles of Macro Economics .....3	ECON 201 Principles of Macroeconomics ..... 3
<sup>2</sup> Recommended: CRJ 131, HIST 151, 152, POLS 131, SOC 131.3	University Elective ..... 3
<b>7. If needed complete an additional course from any category above to satisfy the 30 credit minimum for the MTA.</b>	
<b>HFC Program Requirements (40 credits)</b>	
* CIS 100 Intro to Information Technology .....3	IS 215 End-User Computing ..... 3
CIS 111 SQL for Database Development .....3	University Elective ..... 3
CIS 112 Introduction to Networking .....3	University Elective ..... 3
CIS 122 Web Internet Technologies .....3	University Elective ..... 3
CIS 125 Principles of Programming Logic .....3	University Elective ..... 3
CIS 129 Introduction to UNIX with Shell Scripting .....3	University Elective ..... 3
<sup>3</sup> CIS 130 Visual Basic.NET Programming .....3	University Elective (with CIS 232 is equivalent to IS 315)..... 3
CIS 170 "C" Programming.....3	University Elective ..... 3
<sup>3</sup> CIS 171 Java Programming .....3	University Elective (with CIS 271 is equivalent to IS 315)..... 3
CIS 220 System Analysis and Design.....3	University Elective ..... 3
<b>CIS Electives</b>	
* CIS 126 XHTML/HTML/CSS Web Program.....3	IS 247 Intro to Web Application Development ..... 3
<sup>*3</sup> Choose one course to complete a programming sequence: .....4	IS 315 Object-Oriented Application Dev (3)+1 ..... 4
CIS 232 C# Programming or CIS 271 Advanced Java	
CIS Elective .....3	University Elective ..... 3
<b>EMU Business Foundation Courses that May be Taken at HFC or EMU (22 credits)</b>	
* BBA 131 Introduction to Business .....4	COB 200 Introduction to Business (3) +1 ..... 4
* BEC 152 Principles of Micro Economics .....3	ECON 202 Principles of Microeconomics ..... 3
* BAC 131 Principles of Accounting I .....4	ACC 240 Prin. of Financial Accounting (3) +1 ..... 4
* BAC 132 Principles of Accounting II .....4	ACC 241 Prin. of Managerial Accounting (3) +1 ..... 4
* BLW 253 Business Law .....4	LAW 293 Legal Environment of Business (3) +1 ..... 4
* BBA 231 Business Office Communications .....3	MGMT 202 Business Communication ..... 3
<b>Credits at HFC:..... 92</b>	<b>Credits that will be applied at EMU .....82</b>

\* Required for EMU's BBA with CIS Major.

<sup>1</sup> Satisfies EMU's Perspectives on a Diverse World requirement.

<sup>2</sup> Satisfies HFC's American Society, Events, Institutions, & Cultures requirement

<sup>3</sup> The combination of either CIS 130 & 232 OR CIS 171 & 271 at HFC is equivalent to IS 315 and satisfies a Restricted IS Elective at EMU.

NOTE: A university elective is any college level course.

**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. Sign up at: <https://www.emich.edu/cr/articulation-agreements/signup.php>

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**Completion of the Bachelor of Business Administration Program at EMU**

<b>Business Core</b>	<b>(18 credits)</b>
<sup>1</sup> DS 265 Business Statistics .....	3
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 Intro to Operations Mgmt.....	3

<b>Discipline Requirements</b>	<b>(24 credits)</b>
IS 320 Business Data Commun & Information Security ..	3
IS 350 Enterprise Resource Planning & Architecture .....	3
IS 380 Introduction to Databases .....	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 two courses):.....	6
IS 310 Social Media for Business (3)	
IS 410 Business Intelligence (3)	
IS 415 Business Mobile Application Development (3)	
IS 427 Business Process and Identity Management (3)	
IS 437 Intro to Business Info Technology Audit (3)	

**Additional Requirement (0-3 credits)**  
 Students must complete one Learning Beyond the Classroom experience or course offered by EMU. Consult College of Business advisor for options.

**Credits at EMU/Four-year College Level:..... 42**  
**Transfer Credits (out of 92 credits 82 will be applied) ..... 82**  
**\* Credits to Graduate:..... 124**

<sup>1</sup> COB Foundation course. Must be completed in first semester at EMU.  
 \* 124 credits is the minimum required to graduate. If sufficient credits are not transferred, additional credits must be completed at EMU.

*Students following this agreement have the option of selecting any of the following disciplines to complete the BBA: accounting, computer information systems, economics, entrepreneurship, general business, marketing, management, finance, and supply chain management. A sample sequence is listed below for the CIS major. Course sequences for other business disciplines can be found at this link <http://www.emich.edu/ccr/artguide.php#MA>*

**Sample Sequence for completing the Computer Information Systems Major**

Courses may not be offered every semester. Schedule an appointment with a COB advisor to develop a plan of study.  
*DS 265 and any other foundation courses, not already completed, must be completed in the first semester at EMU. Math course must be completed before taking DS 265.*

<b>Fall Semester</b>	<b>12 credits</b>
DS 265 Business Statistics .....	3
IS 350 Enterprise Resource Planning & Arch.....	3
IS 380 Intro to Databases .....	3
MKTG 360 Principles of Marketing .....	3

<b>Winter Semester</b>	<b>15 credits</b>
IS 320 Business Data Comm. & Info Security.....	3
IS 417 Systems Analysis & Design .....	3
IS 425 IS Project & Risk Management.....	3
IS Restricted Elective .....	3
MGMT 386 Organizational Behavior & Theory .....	3

<b>Summer Semester</b>	<b>3 credits</b>
FIN 350 Principles of Finance .....	3

<b>Fall Semester</b>	<b>12 credits</b>
IS 449W IS Strategy, Mgmt & Acquisition .....	3
IS Restricted Elective .....	3
OM 374 Intro to Operations Management.....	3
MGMT 490 Business Policy .....	3

**Credits at EMU ..... 42**

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**Additional Information:**

1. In completing the coordinated program of study for this articulation agreement, course substitutions should be made with the guidance of the advisers (indicated below) at both institutions to assure that all requirements are satisfied. Each institution will be responsible for determining the satisfaction of their individual program and degree requirements. HFC courses indicated with an \* are required for EMU's BBA Program.
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 satisfied at the community college.  
*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 listed in the Undergraduate Catalog. The MTA may be completed after admission to EMU, however, students should inform advisors or they may be advised to complete additional courses for the general education program. Students who enrolled in college prior to September 2014 may follow the MACRAO agreement until 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 EMU.
4. Under this agreement, EMU will waive the 60-hour rule and require that a minimum of 42 credit hours be completed at the four-year college level, of which 30 hours must be in courses offered by EMU, with 15 hours in program requirements, at the 300-level or above. Of the last 30 hours completed before graduating, at least 10 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. Courses listed in this guide may be completed at the most appropriate time for the student, whether before or after admission to EMU, as long as appropriate pre-requisites are satisfied.
5. A minimum cumulative GPA of 2.0 is required for admission to EMU. Students with a community college GPA of 2.5 or higher, who have completed the pre-admission business foundation courses, with the exception of DS265, will receive conditional admission to the College of Business. DS 265 must be completed in the first semester of enrollment at EMU. Students will be regularly admitted after successful completion of at least 12 credits at EMU with a minimum overall EMU (GPA) of 2.5.
6. Students are encouraged to contact the College of Business Undergraduate Advising Office before completing an admission application to EMU. Copies of this agreement are available at [www.emich.edu/ccr/artguide.php](http://www.emich.edu/ccr/artguide.php). To facilitate advising and the evaluation of transcripts, sign up for this articulation agreement using the link <https://www.emich.edu/ccr/articulation-agreements/signup.php> and bring a copy of this guide to all advising sessions.

**Effective Dates: January 1, 2015 until January 1, 2018**

If this agreement is not renewed at the end of the effective period, students who already began the program at HFC will have an additional three years to be admitted to EMU under the terms of this agreement. Students who began the program prior to the effective date may use this agreement. In the event a student does not complete degree requirements within seven years of the date of starting this program, the student may be required to have his/her credits re-evaluated in keeping with a more recent version of this agreement.

**Students have until the end of summer 2022 to complete their degree at EMU using this guide.**

**Contacts:****Henry Ford College**

David Maier, Ph.D.

Academic Coordinator, Computer Information Systems

313.845.9890

djmaier@hfcc.edu

**Eastern Michigan University**

COB Undergrad Advising Center

473 Owen Bldg, 734.487.2344

email: [cob.undergraduate@emich.edu](mailto:cob.undergraduate@emich.edu)website: [www.cob.emich.edu](http://www.cob.emich.edu)