

COMPUTER INFORMATION SYSTEMS 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:
Michigan Transfer Agreement (MTA) Requirements (30-33 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 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. Courses listed below for the MTA will also satisfy requirements for the business program at HFC or EMU. Students who started before Fall 2014 may continue to follow the MACRAO Agreement until the end of summer 2019. MACRAO versions of articulation guides as well as MACRAO and MTA transfer guides are posted online. For courses approved to satisfy the MTA go to the HFC website. https://www.hfcc.edu/sites/main/aeqirprod.hfcc/files/attachments/hfc_mta_july_2014.pdf	
1. A course in English Composition	
ENG 131 Intro to College Writing.....3	University Elective 3
2. A second course in English Composition or Communication	
ENG 132, 135; SPC 131, or 145.....3	University Elective 3
3. A Course in Mathematics	
MATH 141 Intro to Statistics (recommended).....4	MATH 170 Basic Statistics (recommended) 4
4. Two Courses in Natural Sciences from different disciplines (one lab required)	
Choose from the approved MTA list.6-8	University Electives 6-8
5. Two Courses in Humanities from different disciplines	
¹ Complete one course from the following:3	Perspectives on a Diverse World Requirement..... 3
ART 224, 225, 226, 227; ENG 243 or 248; WR 233, 236	
Complete a second course from the approved MTA list.3-4	University Elective 3-4
6. Two Courses in Social Sciences from different disciplines	
*BEC 151 Principles of Macro Economics3	ECON 201 Principles of Macroeconomics 3
Choose one course for American Society, Events, Inst, & Cult: ...3	University Elective 3
CRJ 131, HIST 151, 152, POLS 131, SOC 131	
If needed, complete an additional course from the above categories to meet the 30 credit minimum for the MTA.	
HFC Program Requirements (40 credits)	
Required Core Courses (30 credits)	
* CIS 100 Intro to Information Technology3	IS 215 End-User Computing 3
CIS 111 SQL for Database Development3	University Elective 3
CIS 112 Introduction to Networking3	University Elective 3
CIS 122 Web Internet Technologies3	University Elective 3
CIS 125 Principles of Programming Logic3	University Elective 3
CIS 129 Introduction to UNIX with Shell Scripting3	University Elective 3
² CIS 130 Visual Basic.NET Programming3	University Elective (with CIS 232 is equivalent to IS 315) 3
CIS 170 "C" Programming.....3	University Elective 3
² CIS 171 Java Programming3	University Elective (with CIS 271 is equivalent to IS 315) 3
CIS 220 System Analysis and Design.....3	University Elective 3
CIS Electives (10 credits)	
* CIS 126 XHTML/HTML/CSS Web Program.....3	IS 247 Intro to Web Application Development 3
* ² Complete one course below:4	IS 315 Object-Oriented Application Dev (3)+1 4
CIS 232 C# Programming (4) (with CIS 130)	
CIS 271 Advanced Java (4) (with CIS 171)	
CIS Elective3	University Elective 3
EMU Business Foundation Courses that May be Taken at HFC or EMU (22 credits)	
* BBA 131 Introduction to Business4	COB 200 Introduction to Business (3) +1 4
* BEC 152 Principles of Micro Economics3	ECON 202 Principles of Microeconomics 3
* BAC 131 Principles of Accounting I4	ACC 240 Prin. of Financial Accounting (3) +1 4
* BAC 132 Principles of Accounting II4	ACC 241 Prin. of Managerial Accounting (3) +1 4
* BLW 253 Business Law4	LAW 293 Legal Environment of Business (3) +1 4
* BBA 231 Business Office Communications3	MGMT 202 Business Communication 3
Credits at HFC:.....92	Credits that transfer to EMU..... 92

* Required for EMU's BBA with CIS Major.

¹ Satisfies EMU's Perspectives on a Diverse World Requirement.

² The combination of either CIS 130 & 232 OR CIS 171 & 271 at HFC is equivalent to IS 315 at EMU.

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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: www.emich.edu/ccr/trackingssystem/Enter.php

<p><u>Completion of the Bachelor of Business Administration Program at EMU</u></p> <p>Business Administration Core (18 credits)</p> <p>¹ 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</p> <p>Discipline Requirements (24 credits)</p> <p>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)</p> <p>Credits at EMU:..... 42</p> <p>Transfer Credits from HFC 92</p> <p>* Credits to Graduate:..... 134</p> <p><small>¹ COB Foundation course. Must be completed in first two semesters at EMU. *124 credits is the minimum required to graduate.</small></p>	<p>Suggested Sequence for completing the CIS Major:</p> <p><i>Students following this agreement have the opportunity to select any of the following disciplines to complete the BBA: accounting, computer information systems, economics, entrepreneurship, general business, marketing, management, finance, and supply chain management. The recommended course sequence for Computer Information Systems is listed below.</i></p> <p><u>Computer Information Systems Major</u></p> <p><i>DS 265 must be completed within first 2 semesters at EMU.</i></p> <p>Fall Semester 12 credits</p> <p>DS 265 Business Statistics 3 IS 350 Enterprise Resource Planning & Arch 3 IS 380 Intro to Databases 3 MKTG 360 Principles of Marketing 3</p> <p>Winter Semester 15 credits</p> <p>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</p> <p>Summer Semester 3 credits</p> <p>FIN 350 Principles of Finance 3</p> <p>Fall Semester 12 credits</p> <p>IS 449W IS Strategy, Mgmt & Acquisition 3 IS Restricted Elective 3 OM 374 Intro to Operations Management 3 MGMT 490 Business Policy 3</p> <p>Credits at EMU 42</p>
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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 Nursing 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 at the community college prior to September 2014 have until the end of August 2019 to complete the MACRAO agreement.
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 opportune time for students, 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 3.0 or higher, who have completed the pre-admission business foundation courses, with the exception of DS 265, will receive direct admission to the College of Business. DS 265 must be completed in the first two semesters of enrollment at EMU. Students whose community college GPA's are less than 3.0 may apply and be conditionally admitted to the College of Business for the first semester at EMU and 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. To facilitate advising and the evaluation of transcripts, sign up for this articulation agreement using the link www.emich.edu/ccr/trackingssystem/Enter.php, and bring a copy 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.

Contacts:

Henry Ford College

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Eastern Michigan University

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