

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: |
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| 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. <u>Courses listed below for the MTA also satisfy program requirements at EMU and/or HFC.</u> Students who started before fall semester 2014 may continue to follow the MACRAO Agreement until the end of summer semester 2019. A MACRAO version of this articulation guide is available at www.emich.edu/ccr/archartguide_macrao.php . For courses approved to satisfy the MTA go to www.hfcc.edu/registration-and-records/mta/hfc-agreement . | |
| 1. A Course in English Composition ENG 131 Introduction to College Writing 3 University Elective 3 | |
| 2. A Second Course in English Composition or a Course in Communication ¹ SPC 131 Fundamentals of Speaking..... 3 University Elective (CTAC 124)..... 3 | |
| 3. A Course in Mathematics ² MATH 141 Introduction to Statistics..... 4 STAT 170 Elementary Stats or DS 250 Bus Statistics 4 | |
| 4. Two Courses in Natural Sciences from different disciplines (one lab required) Choose from the approved MTA list:..... 7-8 University Electives 7-8 | |
| 5. Two Courses in Humanities and Fine Arts from different disciplines: Choose from the approved MTA list. 6 University Electives 6 | |
| 6. Two Courses in Social Sciences from different disciplines [*] BEC 151 Principles of Macroeconomics..... 3 ECON 201 Principles of Macroeconomics..... 3 Choose a second course from the approved MTA list..... 4 University Elective 4 | |
| 7. If needed complete an additional course from any category above to satisfy the 30 credit minimum for the MTA. | |
| EMU "Perspectives on a Diverse World" Requirement: These courses may be used to satisfy an MTA category above. <i>These courses also satisfy an MTA area:</i> Natural Science: BIO 138 (non-lab); Humanities: ART 224, 225, 226, 227; ENG 243, 248; PHIL 201; WR 233, 236; Social Science: ANTH 131, 151, 152, 154; GEOG 132; HIST 113, 243, 261; PHIL 201; POLS 152; PSY 296; SOC 152, 251; <i>This course applies, but does not satisfy the MTA:</i> BBA 250 | |
| HFC Computer Information Systems Requirements (42 credits) | |
| * CIS 100 Introduction to Information Technology 3 | IS 215 Information Systems for Business 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..... 4 | University Elective 4 |
| CIS 129 Introduction to UNIX with Shell Scriptures..... 4 | University Elective 4 |
| CIS 130 C# Programming 3 | University Elective (with CIS 232 is equivalent to IS 315)..... 3 |
| CIS 170 C Programming 3 | University Elective 3 |
| CIS 171 Java Programming 3 | University Elective (with CIS 271 is equivalent to IS 315)..... 3 |
| CIS 294 Software Engineering 3 | University Elective 3 |
| CIS Electives: Complete two courses below (6 credits)..... 6 | University Electives 6 |
| CIS 132, 215, 222, 230, 232, 270, 271 (232 or 271 recommended) | |
| * Complete one additional CIS course: CIS 126 HTML/CSS. 4 | IS 247 Introduction to Web Application Dev (3)+1 4 |
| EMU Business Foundation Courses that May be Taken at HFC or EMU (22 credits) | |
| * BAC 131 Introduction to Financial Accounting..... 4 | ACC 240 Prin. of Financial Accounting (3)+1 4 |
| * BAC 132 Introduction to Managerial Accounting..... 4 | ACC 241 Prin. 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 with a CIS major. If not transferred, must be completed at EMU.

¹ Must complete MTA or MACRAO, or WRTG 121 and CTAC 124 at EMU with a minimum grade of a "C-", or HFC ENG 132 and SPC 131 with a minimum grade of "C".

² Students who completed a statistics course at HFC may complete DS 251 at EMU. If statistics has not been completed, students may take (DS 250 & 251) or DS 265 at EMU, depending on math placement scores.

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: <http://www.emich.edu/ccr/articulation-agreements/signup.php>

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| <p><u>Completion of EMU’s BBA Program</u></p> <p>Major Requirements (42 credits)</p> <p>Business Core (18 credits)</p> <p>¹ DS 251 Business Stats for Decision Making or (DS 265).. 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 Introduction to Operations Mgmt 3</p> <p>Discipline Requirements (24 credits)</p> <p>IS 320 Business Data Comm & Info Security 3 IS 350 Enterprise Resource Planning & Architecture 3 IS 380 Data & 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 two courses) 6 IS 310 Social Media for Business (3) IS 315 Object-Oriented Application Development (3) IS 385 Data Warehousing (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 & Identity Management (3) IS 437 Introduction to Business Info Tech Audit (3)</p> <p><i>Students who do not transfer in IS 315 ([CIS 130 & 232] or [CIS 171 & 271]) will have an additional restricted elective to complete at EMU.</i></p> <p>LBC Requirement (0-3 credits)</p> <p>Students must complete one “Learning Beyond the Classroom” (LBC) experience or course offered by EMU. Consult a College of Business advisor for options.</p> <p>Minimum Credits at EMU:42-45 Transfer Credits: 94 *Minimum Credits to Graduate: 124</p> | <p>Sample Sequence for completing the program</p> <p><i>Students following this agreement have the option of selecting any of the following disciplines to complete the BBA: accounting, accounting information systems, computer information systems, economics, entrepreneurship, general business, marketing, management, finance, or supply chain management. The recommended course sequence for each discipline can be obtained from the COB Advising Center.</i></p> <p>http://www.emich.edu/cob/students/advisors/undergraduate.php <i>DS 265 or DS 251 must be completed in the first semester at EMU.</i></p> <p>Fall Semester (12 credits)</p> <p>¹ DS 251 or DS 265 Business Statistics..... 3 IS 350 Enterprise Resource Planning & Architecture .. 3 IS 380 Data & Information Management..... 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 and Risk Management 3 IS Restricted Elective..... 3 MGMT 386 Organizational Behavior and 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, Management & Acquisition..... 3 IS Restricted Elective..... 3 OM 374 Introduction to Operations Management 3 MGMT 490 Business Policy 3</p> |
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¹ Required Business foundation course. Must be completed before formal admission to the BBA program. Students who completed a statistics course at HFC may complete DS 251 at EMU. If statistics has not been transferred, students may take (STAT 170 or DS 250) and DS 251 or DS 265, depending on math placement scores. See page 3 for admission requirements.

* The minimum credits required to graduate is 124 but the total will vary depending on the business discipline completed at EMU and the program completed at HFC. If enough credits are not transferred, additional credits will need to be completed at EMU to satisfy the minimum required for graduation.

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Additional Information:

1. Each institution will determine the satisfaction of their individual program and degree requirements. Both HFC and EMU 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 degree 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. Students who enrolled in college prior to fall semester 2014 will have until the end of summer semester 2019 to complete the MACRAO agreement. 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 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.
5. To be admitted to the COB, students must have completed all 12 pre-admission courses and have an EMU gpa of a 2.5 or higher. Students that 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 his/her first semester at EMU. Students missing pre-admission business foundation courses beyond DS 265 or DS 251 should consult with an EMU advisor to plan how to complete those courses.
6. Students are encouraged to contact the College of Business Undergraduate Advising Office before applying 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 <http://www.emich.edu/ccr/articulation-agreements/signup.php>, and bring a copy of the articulation guide to all advising sessions.

Effective dates: January 1, 2018 until January 1, 2021.

This is a renewal of an agreement made in January 2015. This agreement is consistent with the 2017-2018 catalog. Students have until summer 2025 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**

David Maier
 Technology Bldg., Room E162-H
 313-845-9890
djmaier@hfcc.edu

Eastern Michigan University

COB Undergrad Advising Center
 306 Owen Bldg, 734-487-2344
 email: cob.undergraduate@emich.edu
 website: www.emich.edu/cob