

**COMPUTER INFORMATION SYSTEMS
ARTICULATION AGREEMENT GUIDE**

Schoolcraft College – **AAS in Business Information Technology**
Eastern Michigan University – **BBA in Computer Information Systems**

Schoolcraft College Courses:	Transfer to Eastern Michigan University as:
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 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 major requirements at Schoolcraft and/or EMU. Students who started college before Fall 2014 may follow the MACRAO Agreement until the end of summer 2019. A MACRAO version of this articulation guide is available at http://www.emich.edu/ccr/archartguide_macrao.php . For Schoolcraft courses approved to satisfy the MTA click on the link below: http://www.schoolcraft.edu/docs/default-source/default-document-library/michigan-transfer-agreement.pdf .	
1. A course in English Composition	
Choose from the approved MTA list..... 3	University Elective..... 3
2. A course in English Composition or Communication	
Choose from the approved MTA list..... 3	University Elective..... 3
3. A Course in Mathematics	
* MATH 122 Elementary Stats 4	MATH 170 Elementary Stats (subs for DS 250) (3+1) 4
4. Two courses in Natural Science from different disciplines (one lab required)	
Choose two courses from the approved MTA list..... 7-8	University Electives..... 7-8
5. Two courses in Humanities from different disciplines	
COMA 103 Fundamentals of Speech 3	CTAC 124 Foundations of Speech Communication 3
Choose one course from the approved MTA list:..... 3	University Elective..... 3
6. Two courses in Social Science from different disciplines	
* ECON 201 Principles of Macroeconomics 4	ECON 201 Principles of Macroeconomics (3)+1 4
Choose one: POLS 105, PSYCH 153, PSYCH 201..... 3	University Elective..... 3
7. If needed, complete additional courses in any of the above categories to satisfy the 30 credit minimum for the MTA.	
EMU's Perspectives on a Diverse World requirement: Complete one course from the following list. Courses on this list will satisfy an MTA area above: Natural Science: BIOL 104; GEOG 212; Humanities: ENG 170, 275; HIST 138; HUM 150, 201, 202, 203, 204;	
Schoolcraft Program Requirements (44 credits)	
* ACCT 201 Principles of Accounting..... 4	ACC 240 Principles of Financial Accounting (3) +1 4
* BUS 101 Introduction to Business..... 3	COB 200 Introduction to Business 3
BUS 217 Business Management..... 3	University Elective..... 3
BUS 220 Supervision 3	University Elective..... 3
CIS 120 Software Applications..... 3	University Elective..... 3
CIS 125 Principles of Information Security..... 3	University Elective..... 3
CIS 129 Intro to Programming Logic..... 3	University Elective..... 3
CIS 250 Systems Development and Design 4	University Elective..... 4
CIS 251 IT Project Management..... 3	University Elective..... 3
* ENG 106 Business English..... 3	MGMT 202 Business Communication 3
Schoolcraft Electives that satisfy EMU CIS major Requirements	
* BUS 207 Business Law (BUS Elective)..... 3	LAW 293 Legal Environment of Business 3
¹ CIS 185 Introduction to HTML..... 3	IS 247 Intro to Web Application Development 3
¹ CIS 223 Introduction to C# (3) and	
¹ CIS 290 Object-Oriented Prog with Java (3)..... 6	IS 315 Object Oriented Application Dvlpmt (Res Elect)..... 6
EMU Requirements that may be completed at Schoolcraft or EMU (11 credits)	
* ACCT 202 Principles of Accounting..... 4	ACC 241 Principles of Managerial Accounting (3) +1 4
* CIS 115 Intro to Computer Based Sys (CIS Elective) 3	IS 215 End-User Computing 3
* ECON 202 Principles of Economics (Bus Elective)..... 4	ECON 202 Principles of Microeconomics (3) +1..... 4
Credits at Schoolcraft:.....85	Credits that transfer to EMU..... 85

* Required Business foundation courses. Must be completed before formal admission to the BBA program. See page 3 for admission requirements

¹ CIS Major requirements at EMU

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

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<p><u>Completion of the BBA Degree with a major in CIS at EMU</u></p>	
<p>Major Requirements (42 credits)</p> <p>Business Core Requirements (18 credits)</p> <p>*DS 251 Business Statistics for Decision Making 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 Production/Operations Management 3</p> <p>Computer Information Systems Major (24 credits)</p> <p>IS 320 Business Data Communications & Info Security .. 3 IS 380 Introduction to Databases 3 IS 413 IT Infrastructure & Network security 3 IS 417 Systems Analysis and Design 3 IS 421 Enterprise Database Application 3 IS 425 IS Project & Risk Management 3 ¹IS 449W IS Strategy, Management & Acquisition 3 Restricted Electives (choose 2 courses): 6 IS 350 Enterprise Resource Planning & Architecture IS 410 Business Intelligence (3) IS 416 System Software Administration (3)</p> <p>LBC Requirement (0-3 credits)</p> <p>One Learning beyond the Classroom (LBC) course or noncredit experience must be completed at EMU. Consult College of Business advisor for options.</p> <p>Credits at EMU: 42 Transfer Credits 85 ²Credits to Graduate: 127</p>	<p><u>Sample Sequence for completing the program</u></p> <p><i>Students with a community college GPA of 2.5 or higher, who have completed the pre-admission business foundation courses, will receive conditional admission to the College of Business. Any remaining foundation courses may be completed in the first semester of enrollment at EMU. Students will be allowed to continue with major courses after all foundation courses are completed and 12 credits with a GPA of 2.5 or higher is completed at EMU.</i></p> <p>See the COB Advisor to develop a plan of study. http://www.emich.edu/cob/students/advisors/undergraduate.php</p> <p>Fall Semester (15 credits)</p> <p>DS 251 Business Statistics for Decision Making 3 MGMT 386 Organizational Behavior & Theory 3 MKTG 360 Principles of Marketing 3 IS 320 Bus Data Communications & Info Security 3 IS 380 Data & Information Management 3</p> <p>Winter Semester (15 credits)</p> <p>FIN 350 Principles of Finance 3 OM 374 Intro to Production/Operations Mgmt 3 IS 417 Systems Analysis & Design 3 IS 425 IT project & Risk Management 3 IS 413 IT Infrastructure and Network Security 3</p> <p>Fall Semester (12 credits)</p> <p>IS 421 Enterprise Database Application 3 IS 449W Information Systems Integration 3 MGMT 490 Business Policy 3 IS Restricted Elective 3</p>

* Required Business foundation course. Must be completed before formal admission to the BBA program. See page 3 for admission requirements.

¹ Satisfies the Writing Intensive Major requirement

² A minimum of 124 credits is required to graduate. If sufficient credits are not transferred, additional credits must be completed at EMU to satisfy the 124 credit minimum.

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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 advisors at both institutions (indicated below) to assure that all requirements are satisfied. Each institution will determine the satisfaction of their individual program and degree requirements. Schoolcraft courses indicated with an * are required for EMU's Bachelor of Business Administration degree.
2. Students whose transcripts have the "MTA Satisfied" endorsement will only be required to complete one "Perspectives on a Diverse World" course, one "Learning Beyond the Classroom" (LBC) experience, and a Writing Intensive course in the major. The Perspectives on a Diverse World requirement may be satisfied at the community college as part of the MTA requirements.
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.
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 39 credit hours must 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 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 transfer GPA of 3.0 or higher will receive priority admission to the College of Business. 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 advisor early, before completing an admission application to EMU. To facilitate the evaluation of transcripts, students should indicate they are using this articulation guide on their application to EMU and bring a copy to all advising sessions. Copies of this agreement are available at: www.emich.edu/ccr/artguide.php.

Effective Dates: January 1, 2014 until December 31, 2016

Students who began this program prior to the new effective date may use this articulation agreement. If this agreement is not renewed at the end of the effective period, students who already started the program will be given an additional three years to be admitted to EMU under the terms of the agreement.

Contacts:

Schoolcraft College

See the division counselor for advice

Eastern Michigan University

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