Washtenaw Community College – AS in Information Systems: Programming in C++ Eastern Michigan University – BBA in Computer Information Systems

Washtenaw Community College Courses: Eastern Michigan University Courses: Michigan Transfer Agreement (MTA) Requirements (30 credits) Students with an 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 major requirements at EMU and or WCC. For courses approved to satisfy the MTA go to WCC's website. 1. A Course in English Composition WRTG 121 Composition II (3)+14 ENG 111 Composition I...... 4 2. A Second Course in English Composition or a Course in Communication 3. A Course in Mathematics MATH 105 or University Elective......4 MTH 176 or higher that meets the MTA......4 4. Two Courses in Natural Sciences from Different Disciplines (one lab required) Choose from the approved MTA list......7-8 5. Two Courses in Humanities from Different Disciplines 6. Two Courses in Social Sciences from Different Disciplines If needed, complete additional credits in any of the above categories to meet the 30 credit minimum for the MTA. EMU "Perspectives on a Diverse World" Requirement: Complete one course from the following list: These courses also satisfy an MTA area: Communication: COM 225; Natural Science: ENV 101, 105; Humanities: ART 143, 150; COM 225; DAN 180; DRA 180; ENG 181, 213, 214, 224, 242; HUM 150, 175, 221; MUS 180; Social Science: ANT 201; ECO 280; GEO 101; HST 123, 150, 210, 230, 235, 240, 270; PLS 211; PSY 107, 251, 270; SOC 205, 216. These courses apply, but do not satisfy the MTA: CCP 251 WCC Information Systems: Programming in C++ Requirements (24 credits) CIS 121 Linux/Unix I: Fundamentals......4 University Elective4 IA 212 CPS 171 Intro to Programming with C++.....4 COSC 246 University Elective4 *CPS 271 Object Features of C++ (4) AND sub for IS 315 Object-Oriented Application Dev (3)+5 8 *CPS 276 Web Prog Using Apache, MvSQL, & PHP 4 Intro to Web Application and Dev (3)+1.....4 CPS 298 Professional Team Programming4 COSC 000 University Elective4 EMU Requirements that May be Taken at WCC or EMU (24 credits) ACC 241 COB 200 *BMG 265 Business Statistics......3 DS 265 Information Systems for Business 3 IS 215 Open Electives4 University Electives 4 Credits at WCC:82 Credits that transfer to EMU...... 82

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.

^{*}Required for EMU's BBA in Computer Information Systems program. If not transferred, must be completed at EMU.

Note: Students must complete MTA or MACRAO or (WRTG 121 and CTAC 124 at EMU) or ENG 111 and COM 101 at WCC with a grade of "C" or higher.

Washtenaw Community College – AS in Information Systems: Programming in C++ Eastern Michigan University – BBA in Computer Information Systems

Completion of the BBA in Computer Information Systems at EMU

FIN 350 MGMT 38 MGMT 49 MKTG 36	Principles of Finance	3 3 3
IS 320 IS 350 IS 380 IS 417 IS 425 IS 449W Restricted IS 310 IS 385 IS 405	Business Data Comm & Information Enterprise Resource Planning and A Data and Information Management Systems Analysis and Design IS Project and Risk Management IS Strategy, Management & Acquisit Electives (choose 2 courses): Social Media for Business (3) Data Warehousing (3)	rchitecture3
IS 415 IS 422 IS 427	Data Mining (3) Business Mobile Application Devel Social Media Network Analysis (3) Business Process and Identity Mar Intro to Business Info Technology	nagement (3)
LBC Req One Lear noncredit	uirement ning beyond the Classroom (LBC) co experience must be completed at El of Business advisor for options.	(0-3 credits) ourse or
Complete year colle	ty Electives e enough credits to bring the minimul ege level to 42 credits. Additional ele at EMU if fewer than 82 credits are to	ectives may be
Fransfer (Credite:	82

Sample Sequence for completing the program:

Courses may not be offered every semester. Consult with a COB advisor to make a course plan.

MKTG 360 IS 320	ester F,W,S, prereq: ACC 240 F,W,S, online F,W,prereq: IS 215 d Electives	3 3
OM 374 IS 380	emester F,W,S, online F,W,S, online, prereq: DS 251 or F,W,S, prereq: IS 247 F,W, prereq: IS 247	r 265 3
IS 350 IS 425	nester F,W,S, online, Concur Prereq: O F, prereq: IS 215 F,W, prereq: IS 380 d Elective	3 3
	emester F,W, pre-req: IS 417 and IS 425 Elective or LBC Requirement	

Washtenaw Community College – AS in Computer Science: Programming in Java Eastern Michigan University – BBA in Computer Information Systems

Washtenaw Community College Courses: Transfer to Eastern Michigan University as: Michigan Transfer Agreement (MTA) Requirements (30 credits) Students with an 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 major requirements at EMU and or WCC. For courses approved to satisfy the MTA go to http://www.wccnet.edu/services/transferresources/mta/ 1. A Course in English Composition WRTG 121 Composition II (3)+14 2. A Second Course in English Composition or a Course in Communication 3. A Course in Mathematics MATH 105 or University Elective 4 MTH 176 or higher that meets the MTA4 4. Two Courses in Natural Sciences from Different Disciplines (one lab required) Choose from the approved MTA list......7-8 5. Two Courses in Humanities from Different Disciplines Choose from the approved MTA list6 6. Two Courses in Social Sciences from Different Disciplines If needed, complete additional credits in any of the above categories to meet the 30 credit minimum for the MTA. EMU "Perspectives on a Diverse World" Requirement: Complete one course from the following list: These courses also satisfy an MTA area: Communication: COM 225; Natural Science: ENV 101, 105; Humanities: ART 143, 150; COM 225; DAN 180; DRA 180; ENG 181, 213, 214, 224, 242; HUM 150, 175, 221; MUS 180; Social Science: ANT 201; ECO 280; GEO 101; HST 123, 150, 210, 230, 235, 240, 270; PLS 211; PSY 107, 251, 270; SOC 205, 216. These courses apply, but do not satisfy the MTA: CCP 251 WCC Computer Science: Programming in Java Requirements (31 credits) IA 212 University Elective4 IS 000 University Elective3 BMT 000 University Elective4 CPS 161 Introduction to Programming with Java4 COSC 000 University Elective4 CPS 251 Android Programming Using Java......4 *CPS 276 Web Prog Using Apache, MySQL, & PHP4 IS 247 Intro to Web Application Development (3)+1.....4 *CPS 261 Advanced Java Concepts (4) AND sub for IS 315 Object-Oriented Application Dev (3)+5 8 *CPS 278 Java Server Programming (4) 8 COSC 000 University Elective......4 CPS 298 Professional Team Programming4 EMU Requirements that May be Taken at WCC or EMU (24 credits) *ACC 122 ACC 241 Principles of Managerial Accounting......3 *BMG 207 Legal Environment of Business3 *BMG 111 LAW 293 DS 265 IS 215 *CIS 110 Intro to Computer Information Systems......3 *ECO 222 Principles of Microeconomics......3

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.

Credits at WCC:.....85

Credits that transfer to EMU......82

^{*}Required for EMU's BBA in Computer Info00rmation Systems program.

Note: Students must complete MTA or MACRAO or (WRTG 121 and CTAC 124 at EMU) or ENG 111 and COM 101 at WCC with a grade of "C" or higher.

Washtenaw Community College – AS in Computer Science: Programming in Java Eastern Michigan University – BBA in Computer Information Systems

Completion of the BBA in Computer Information Systems at EMU

Business Administration Core FIN 350 Principles of Finance	3 3		
Discipline Requirements IS 320 Business Data Comm & Information S IS 350 Enterprise Resource Planning and AI IS 380 Data and Information Management IS 417 Systems Analysis and Design IS 425 IS Project and Risk Management IS 449W IS Strategy, Management & Acquisiti Restricted Electives (choose 2 courses): IS 310 Social Media for Business (3) IS 385 Data Warehousing (3) IS 405 Web Content Mining (3) IS 410 Data Mining (3)	rchitecture3 		
IS 415 Business Mobile Application Develor IS 422 Social Media Network Analysis (3) IS 427 Business Process and Identity Man IS 437 Intro to Business Info Technology A	agement (3)		
LBC Requirement One Learning beyond the Classroom (LBC) co noncredit experience must be completed at EN College of Business advisor for options.			
University Electives (0-3 credits) Complete enough credits to bring the minimum at the four- year college level to 42 credits. Additional electives may be required at EMU if fewer than 82 credits are transferred.			
Transfer Credits: Minimum Credits at EMU:			

Minimum Credits to Graduate:......124

Sample Sequence for completing the program:

Courses may not be offered every semester. Consult with a COB advisor to make a course plan.

MKTG 360 IS 320	F,W,S, prereq: ACC 240	3
OM 374	F,W,S, online	265 3
IS 350 IS 425	nester F,W,S, online, Concur Prereq: Of F, prereq: IS 215 F,W, prereq: IS 380 ed Elective	3 3
	emester F,W, prereq: IS 417 and IS 425 Elective or LBC Requirement	

Washtenaw Community College – AS in Computer Science: Programming in Java or AS in Information Systems: Programming in C++

Eastern Michigan University – BBA in Computer Information Systems

Additional Information:

August 2019.

- 1. Each institution will determine the satisfaction of their individual program and degree requirements. Both institutions agree to accept transferrable courses from each other and from other regionally accredited institutions. WCC 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.
- 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

Students with the MTA endorsement on their community college transcript have satisfied EMU's General

- 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 at the four year college level with a minimum of 30 hours 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 inresidence 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 the first semester at EMU. Students missing pre-admissions business foundation courses beyond DS 265 or DS 251 should consult with an EMU advisor to plan how to complete those courses.
- 6. Students must satisfy all admission requirements at the time of application for admission to EMU, including submitting transcripts from all previously attended colleges. WCC students will receive equal consideration with other students for course registration and financial aid.
- 7. Students are encouraged to contact EMU's BBA in Computer Information Systems program coordinator 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 Dates: September 1, 2019 until August 31, 2022.

This is a renewal of an agreement made in February 1999 and renewed in 2003, 2006, 2009, 2012 and 2015. This agreement is consistent with the 2019-2020 catalog. Students have until summer 2027 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:

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Eastern Michigan University

COB Undergraduate Advising Center 306 Owen Bldg, 734.487.2344

cob.undergraduate@emich.edu