ARTICULATION AGREEMENT GUIDE

Wayne County Community College District – **AAS in Cybersecurity**
Eastern Michigan University – **BS in Cybersecurity**

Wayne County Community College District Courses:	**Eastern Michigan University Courses:**

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. Courses listed below for the MTA also satisfy program requirements at EMU and/or WCCCD. For WCCCD approved MTA courses go to the community college's website. Students without an MTA or MACRAO endorsement must complete EMU's general education program.

1. A course in English Composition
ENG 119 English I...3 WRTG 120 Composition I...3

2. A course in English Composition or Communication
ENG 120 English II..3 WRTG 121 Composition II...3

3. A course in Mathematics
Choose one from the approved MTA list...............................4 General Transfer Credit..4

4. Two courses in Natural Sciences from different disciplines (one lab required)
Choose one from the approved MTA list.............................7-8 General Transfer Credit……..7-8

5. Two courses in Humanities and Fine Arts from different disciplines
SPH 101 Fundamentals of Speech ....3 COMM 124 Found of Speech Communication.....................3
Choose one from the approved MTA list...............................3 General Transfer Credit..3

6. Two courses in Social Sciences from different disciplines
PS 101 American Government ....3 PLSC 112 American Government..3
Choose one from the approved MTA list................................3 General Transfer Credit 3

If needed, complete additional credits in any of the above categories to meet the 30 credit minimum for the MTA.

EMU's Perspectives on a Diverse World requirement: *Complete* one *course from the following list:*
These courses also satisfy an MTA area: **Humanities:** AAS 253; ENG 212, 260, 261, 266, 290, 292; HUM 126; MWS 102; **Social Science:** AAS 120, 131, 140, 150, 175, 180, 253; ANT 152, 154; HIS 152, 261, 262; MWS 101,103, 106, 107, 114; PS 160; SOC 230
These courses apply, but do not *satisfy the MTA:* COR 218, ECE 210; GEO 202; SED 101; MGT 210

WCCCD Program Requirements (39 credits)

	CIS 110	Introduction to Computer Information Systems.......4	COSC 101 or IS 215 General Transfer Credit......................4
	MAT 113	Intermediate Algebra..3	MATH 104 Intermediate Algebra 3
2	CIS 207	Java Programming Language (Elective).................4	COSC 111/112 sub for Restricted Elective...........................4
	CIS 210	Introduction to Operating Systems........................3	IA 000 General Transfer Credit 3
*	CIS 212	Linux 4	IA 212 Open Systems Platform & Network Admin (3)+1 4
2	CIS 240	Networking Essentials..3	ISAC 000 sub for Restricted Elective 3
	CIS 269	Foundation of Cybersecurity 3	ISAC 000 General Transfer Credit 3
1*	CIS 270	Network+..3	IT 110 Concepts of Network & Business Technology....3
1*	CIS 272	Security+...3	IA 103 Information Security Overview...........................3
2	CIS 274	Certified Ethical Hacker 3	ISAC 000 sub for Restricted Elective 3
*	CIS 276	Cyber Network Associate......................................3	IT 150 Networking I...3
*	CIS 278	Certified Authorization Professional.......................3	IA 202 Risk and Vulnerability Analysis........................3

EMU Requirements and Electives that may be Taken at WCCCD or EMU (3 credits)

*MAT 131 Descriptive Statistics..3 STAT 170 Elementary Statistics 3

Credits at WCCCD: 72   Credits that transfer to EMU...................... 72

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*Required for EMU's BS in Cybersecurity program. If not transferred, must be completed at EMU.

[1] Must be completed with a grade of B- or higher for admission to the Cybersecurity major.

2 Applies to the 15 credits of Restricted Electives.

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Completion of the BS in Information Assurance & Cyber Defense

IA 103 and IT 110 (CIS 272 and CIS 270 at WCCCD) must be completed with a grade of "B-" or higher for admission to the IACD major and to enroll in IA 300-level courses. All students must take at least 45 credits at the 300 level or above in the IACD program.

Major Requirements   (57 credits)

Information Assurance & Cyber Defense (51 credits)

EECE 262	Engineering Algorithmic Constructions	3
IA 244	Administration of Computer Systems	3
IA 322	Managing Security Projects	3
[1] IA 329W	Policy Development in Info Assurance	3
IA 385	Database Management & Security	3
IA 400	Malware Analysis & Reverse Engineering	3
IA 427	Digital Forensics I	3
IA 445	Ethical Hacking and Offensive Security	3
IA 455	Incident Response	3
IA 462	Adv. Operating Systems Security & Admin	3
IA 473	Network Forensics & Analytics	3
IA 495	Capstone	3
ISAC 240	Introduction to Cryptanalysis & Generic Attacks	3
ISAC 350	Network Security	3
ISAC 375	Software Assurance	3
IT 145	Task Automation for IT Admins	3
LEGL 320	Cyber Law and Compliance	3

IA Restricted Electives (6 hours)

Students must have 15 credits of restricted electives. Credits in IA, IT, ISAC, COSC, or CIS not listed (300 level or above)

[2] IA 387L4 Co-operative Education (GELB) (3)
 IA 425 Cyber Crime Investigation I (3)
 IA 428 Digital Forensics II (3)
 IA 471 Data Security and Privacy (3)
 IA 474 Applied Data Mining for IA (3)
 IA 475 Adv Topics in Information Security (3)
 IA 476 Enterprise Security Analytics (3)
 ISAC 317 IoT and Embedded Systems Security (3)
 ISAC 417 Modern Vehicle Technology & Cyber Security (3)

Credits at EMU: 57
Transfer Credits: 72
Total Credits: 129

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Additional Information:

1. Each institution will determine the satisfaction of their individual program and degree requirements. Both institutions agree to accept transferable courses from each other and from other regionally accredited institutions. WCCCD courses indicated with an * are required for EMU's BS in Cybersecurity. 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. 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 57 credit hours must be completed 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 120 credit hours, completed in-residence or accepted in transfer, is required for graduation.

5. Students must satisfy all admission requirements at the time of application for admission to EMU, including submitting transcripts from all previously attended colleges. WCCCD students will receive equal consideration with other students for course registration and financial aid.

6. Students must complete IA 103 (CIS 172) and IT 110 (CIS 270) with a grade of B- or higher before enrolling in additional IA, IT, or ISAC courses.

7. Requirements for graduation
   a. Only 300 level courses taken at EMU can satisfy major requirements.
   b. All students must take at least 45 credits at the 300 level or above in the Cybersecurity program.
   c. Students must maintain a minimum cumulative EMU gpa of 2.5

8. Students are encouraged to contact EMU's Undergraduate Admissions before applying to EMU. To facilitate advising and the evaluation of transcripts, bring a copy of this articulation guide to all advising sessions.

Effective Date: September 1, 2022 until August 31, 2025.
This is an updated guide of a renewal of an agreement made in September 2022. This guide is consistent with the 2023-2024 catalog. Students have until summer 2031 to graduate from Eastern Michigan University following this agreement guide. 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:

Wayne County Community College District	**Eastern Michigan University**
	Undergraduate Admissions
	Student Center, Suite 220
	734.487.6453; transfer_admissions@emich.edu
	https://www.emich.edu/admissions/transfer/advising/index.php