ARTICULATION AGREEMENT GUIDE

Henry Ford College – **AAS in Computer Information Systems - Cybersecurity**
Eastern Michigan University – **BS in Cybersecurity**

Henry Ford College 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 HFC. For HFC 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 131 Introduction to College Writing 3	WRTG 120 Composition I 3

2. A second course in English Composition or Communication
Choose one from: ENG 132, 132H, 135 3	WRTG 121 Composition II 3

3. A course in Mathematics
* MATH 141 Introduction to Statistics 4	STAT 170 Elementary Statistics (3)+1 4

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

5. Two courses in Humanities from different disciplines
Choose from the approved MTA list 6	General Transfer Credit 6

6. Two courses in Social Sciences from different disciplines
CRJ 131 Intro to Law Enfmt & Crim Justice 3	CRM 300 Criminal Justice 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: Natural Science: BIO 138 (non-lab); **Humanities**: ART 224, 225, 226, 227; ENG 243, 248; PHIL 201; WR 233, 236, 241; **Social Science:** ANTH 131, 151, 152, 154; EDU 296; GEOG 132; HIST 113, 261; POLS 152; SOC 152, 251. *This course applies, but does not satisfy the MTA:* ART 229, BBA 250; LGL 248; PLGL 248

HFC CIS Cybersecurity Program Requirements (50-51 credits)

CIS 100 Introduction to Information Technology 3	IS 215 Information Systems for Business 3
CIS 111 SQL for Database Development 3	IS 000 General Transfer Credit 3
*CIS 125 Principles of Programming Logic 4	IT 145 Task Automation for IT Admins (3)+1 4
*CIS 129 Introduction to UNIX with Shell Scripting 4	IA 212 Open Systems Platform & Network Admin (3)+1 4
*CIS 147 Hybrid Cloud I 4	IA 244 Systems Administration 3
CIS 159 A+ Technical Support 4	ISAC 000 General Transfer Credit 4
*CIS 229 UNIX System Administration 4	ISAC 00 sub for Restricted Elective 4
*CIS 276 Digital Forensics 3	ISAC 000 sub for Restricted Elective 3
[1] *CIS 280 Information Assurance and Security 4	IA 103 Information Security Overview (3)+1 4
*CIS 296 Information Assurance Methodology 3	ISAC 000 sub for Restricted Elective 3
[1] *CNT 110 CCNA: Networking I 4	IT 110 Concepts of Network and Business Technology 4
* CNT 120 CCNA: Networking II 4	IT 150 Networking I (3)+1 4
*CNT 260 Network Security 4	IA 202 Risk-Vulnerability Analysis (3)+1 4
Choose one from: AUTO 237 or ENGR 130 2-3	ELEC 000 or ET/ME 100 2-3

EMU Requirements and Electives that may be Taken at HFC or EMU (4 credits)

*MATH 275 Discrete Mathematics 4	MATH 205 sub for EECE 262 (3)+1 4

Credits at HFC:.. 84-85	**Credits that transfer to EMU 84-85**

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

1 IA 103 and IT 110 (CIS 280 and CNT 110) must be completed with a grade of "B-" or higher for admission to the IACD major and to enroll in IA 300-level courses.

ARTICULATION AGREEMENT GUIDE

Henry Ford College – **AAS in Computer Information Systems - Cybersecurity**
Eastern Michigan University – **BS in Cybersecurity**

Completion of the BS in Cybersecurity

IA 103 and IT 110 (CIS 280 and CNT 110) 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   (48 credits)

Information Assurance Required Courses (42 credits).

IA 322	Managing Security Projects	3
[1] IA 329W	Policy Development in Info Assurance (GEWI)	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 (was IA 430)	3
IA 495	Capstone	3
ISAC 240	Intro to Cryptoanalysis & Generic Attacks	3
ISAC 350	Network Security	3
ISAC 375	Software Assurance	3
LEGL 320	Cyber Law and Compliance	3

IA Restricted Electives (6 hours)

A maximum of 9 hours can be taken with an IA prefix. 6 hours must be completed at the 300 or 400 level.

[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)
Any IA, CIS, or COSC 300-level or higher (3)

[1] *Satisfies EMU's Writing Intensive requirement.*
[2] *Satisfies Learning Beyond the Classroom requirement.*

LBC Requirement

Students must complete one Learning Beyond the Classroom course or noncredit experience offered by EMU. Consult your advisor for options.

Courses may not be offered every semester. Meet with a program advisor to plan a program of study.

Total Credits at EMU 48
Transfer Credits 84-85
Total Credits: 133

ARTICULATION AGREEMENT GUIDE

Henry Ford College – **AAS in CIS - Cybersecurity or AAS in Cloud and Network Technology**
Eastern Michigan University – **BS in Cybersecurity**

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. HFC 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 48 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. HFC students will receive equal consideration with other students for course registration and financial aid.

6. Students are encouraged to contact EMU's Undergraduate Admissions Office 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, 2024 until August 31, 2027.

This is a renewal of an agreement made in September 2008 and renewed in January 2013, January 2017, and September 2020. This agreement is consistent with the 2024-2025 catalog. Students have until summer 2032 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	**Eastern Michigan University**
Marrci Conner	Undergraduate Admissions
Cybersecurity Program Director	Student Center Suite 220
mconner2@hfcc.edu	734.487.6453; transfer_admissions@emich.edu
	Schedule an appointment

Brent Fulton
Cloud and Network Technology Program
brent@hfcc.edu

Amal Qureshi
Program Advising Specialist – Computer Technology
awqureshi2@hfcc.edu