

**ARTICULATION AGREEMENT RENEWAL BETWEEN**  
**Lansing Community College**  
**AB in Computer Networking and Cybersecurity**  
**and**  
**Eastern Michigan University**  
**BS in Information Assurance and Cyber Defense**

**Article I**  
**Agreement on Principle**

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Eastern Michigan University (EMU) and Lansing Community College (LCC) agree that students who choose to begin their studies at a community college and transfer to a university to earn a bachelor's degree should be provided with a smooth curriculum transition that minimizes loss of credit and duplication of coursework. Therefore, EMU and LCC agree to enter into this articulation agreement to facilitate the completion of the AB in Computer Networking and Cybersecurity at LCC and the BS in Information Assurance and Cyber Defense at EMU. Both parties enter into this agreement as cooperating, equal partners who shall maintain the integrity of their separate programs.

**Article II**  
**Agreement on Program Specifics**

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EMU and LCC agree that interested students may transfer the course credits indicated on the attached articulation guide toward a BS in Information Assurance and Cyber Defense at EMU. Under this agreement, EMU will waive the 60-hour rule and require that a minimum of 30 credit hours must be completed in courses offered by EMU, of which 15 hours must be in major/program requirements at the 300-level or above. A minimum of 120 total credits is required to graduate.

To use this agreement students must apply and be admitted to EMU. LCC students will receive equal consideration with other students seeking admission and financial aid.

The Michigan Transfer Agreement (MTA) requirements may be completed at the most appropriate time for the student whether before or after admission to EMU. If already on the transcript, the MACRAO designation will be accepted at EMU after summer semester 2019. Students who have not satisfied the MTA or MACRAO agreement must complete EMU's General Education Requirements as applied to transfer students. All other EMU graduation and program requirements must be satisfied whether by transferred courses, EMU courses, or approved substitutions or waivers.

For the purpose of this articulation agreement, both LCC and EMU agree to accept transferable courses from each other and from other regionally accredited institutions. Articulation guides will be provided to assist students in completing the articulated program of study. Each institution will determine the satisfaction of their individual program and degree requirements. LCC courses indicated with an \* on the articulation guide are required for EMU's program. Any substitutions for these courses must be approved by the EMU program coordinator if not already stated in the agreement. In the case of a student who has accumulated credits before declaring this program, every effort will be made to maximize the use of credits already completed. All students using this agreement will be encouraged to complete an associate degree, although it is not required. Students will be informed of reverse transfer opportunities. Disputes regarding the transfer of courses may be appealed to the EMU Provost by contacting the Office of Community College Relations 734.487.6577.

**Article III**  
**Agreement on Communication**

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EMU and LCC agree to cooperate in communicating with each other and with their common and respective publics concerning the established relationship between the two institutions. Communication may include the development of various kinds of publications to inform those who might benefit personally or professionally from the opportunities provided by this agreement. Faculty and staff at both institutions will share the information in this agreement with interested and qualified students and both institutions will provide counseling and advising to students and prospective students. EMU will provide transfer student performance data to LCC officials annually through the Community College Transfer Student Report.

**Article IV**  
**Maintenance and Review Procedures**

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At least one administrative or faculty member from each institution will be appointed to act as agents for the implementation of this agreement, to speak for the institutions and to communicate changes to respective faculty members, advisors, counselors, and others to whom the information is pertinent. Responsibility for oversight of this agreement rests with the Director of Academic Quality at LCC and the School Director of Information Security and Applied Computing at EMU. Both parties agree to communicate annually any changes in their respective programs that may affect this articulation agreement.

**Effective Date: September 1, 2022 until August 31, 2025.**

This is a renewal of an agreement made in January 2010 and renewed in September 2018. This agreement is consistent with the 2022-2023 catalog. Students have until summer 2030 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.

**ARTICULATION AGREEMENT BETWEEN  
Lansing Community College - AB in Computer Networking and Cybersecurity  
Eastern Michigan University- BS in Information Assurance and Cyber Defense**

Lansing Community College and Eastern Michigan University agree to the terms of this agreement, which will be in effect from September 1, 2022 until August 31, 2025.

## ARTICULATION AGREEMENT GUIDE

Lansing Community College – **AB in Computer Networking and Cybersecurity**  
 Eastern Michigan University – **BS in Information Assurance and Cyber Defense**

Lansing Community College Courses:	Eastern Michigan University Courses:
<b>LCC Program Requirements (67 credits)</b>	
<b>Courses that apply to the MTA</b>	
* Choose one from: COMM 110 or 130 (recommended) (MTA) 3	COMM 124 Found of Speech Communication (GEEC) ..... 3
* Choose one from: ANTH 270 or POLS 201 (in place of MGMT 234) 3	ANTH 135 or PLSC 211 (GEGA) ..... 3
ENGL 121Composition I (in place of ENGL 127) ..... 4	WRTG 120 Composition I (3)+1 ..... 4
* ISCI 131 Integrated Physical Science (MTA) ..... 4	ESSC GEKN (satisfies GEKN requirement) ..... 4
* STAT 170 Introduction to Statistics ..... 4	STAT 170 Elementary Statistics (3)+1 (GEQR) ..... 4
<b>Additional requirements</b>	
BUSN 118 Introduction to Business ..... 3	COB 200 General Transfer Credit ..... 3
CITF 110 Introduction to Computer Info Systems ..... 3	IS 215 General Transfer Credit ..... 3
CITF 140 Information Technology Ethics ..... 3	AACR 000 General Transfer Credit ..... 3
CITF 240 IT Project Management ..... 3	ISAC 000 <u>sub for Restricted Elective</u> ..... 3
CITN 120 Networking Concepts ..... 3	ISAC 000 General Transfer Credit ..... 3
*CITN 220 Introduction to Networks ..... 3	IT 110 Concepts of Network Business Technology ..... 3
*CITN 225 Switch Route Wireless Essentials ..... 3	IT 150 Networking I ..... 3
*CITN 230 Linux/UNIX Operating System ..... 3	IA 212 Open-Source Platform and Network Admin ..... 3
CITN 240 Ent Networking Sec Automation ..... 3	ISAC 000 General Transfer Credit ..... 3
*CITN 250 Microsoft Network Server ..... 3	ISAC 000 <u>sub for Restricted Elective</u> ..... 3
*CITN 280 IT Security Foundations ..... 3	IA 103 Information Security Overview ..... 3
*CITP 110 Intro to Programming – Python ..... 4	IT 145 Task Automation for IT Admins (3)+1 ..... 4
CITS 125 Computer Support: A+ Cert Prep ..... 6	ISAC 000 General Transfer Credit ..... 6
<b>Program of Study Required Courses, Limited Choice</b>	<u>sub for 2 Restricted Electives</u>
Select two of the following courses: ..... 6	IS 000 General Transfer Credit (3)
CITD 250 Database Concepts (3)	COSC 000 General Transfer Credit (3)
CITF 120 Operating Systems Concepts (3)	AACR 000 General Transfer Credit (5)
CITN 115 IoT and Automation Fundamentals (5)	ISAC 000 General Transfer Credit (3)
CITN 222 Wireless Networking Security (3)	ISAC 000 General Transfer Credit (3)
CITN 256 Identity with Windows Server (3)	ISAC 000 General Transfer Credit (3)
CITS 230 Computer Virtualization (3)	ISAC 000 General Transfer Credit (3)
<b>Courses that can be taken at either LCC or EMU (12 credits)</b>	
<b>Michigan Transfer Agreement (MTA) Requirements</b>	
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.	
Completion of the MTA with approved LCC courses (12 credits)	
Two courses in humanities/fine arts approved for the MTA ..... 6	MTA endorsement satisfies EMU core gen ed ..... 6
One course in social sciences approved for the MTA ..... 3	MTA endorsement satisfies EMU core gen ed ..... 3
One course in natural science approved for the MTA ..... 3	MTA endorsement satisfies EMU core gen ed ..... 3
<b>Credits at LCC:..... 79</b>	<b>Credits that transfer to EMU..... 79</b>

\*Required for EMU's BS in Information Assurance and Cyber Defense program. If not transferred, must be completed 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.

**ARTICULATION AGREEMENT GUIDE**

Lansing Community College – **AB in Computer Networking and Cybersecurity**  
 Eastern Michigan University – **BS in Information Assurance and Cyber Defense**

**Completion of the BS in Information Assurance and Cyber Defense**

- Only 300-level courses taken at EMU can satisfy major requirements.
- ALL students MUST take at least 45 credits at the 300-level or above in the IA/CD program.
- Students must maintain a minimum cumulative EMU GPA of 2.5.

**Major Requirements (54 credits)****Requirements (48 credits)**

IA 202L4	Rick Vulnerability Analysis.....	3
IA 244	Administration of Computer Systems .....	3
IA 322	Managing Security Projects.....	3
IA 329W	Policy Development in Information Assurance .....	3
IA 385	Database and Web Application Security .....	3
IA 400	Malware Analysis and Reverse Engineering .....	3
IA 427	Digital Forensics I.....	3
IA 445	Ethical Hacking and Offensive Security.....	3
IA 455	Incident Response.....	3
IA 462	Advanced Operating Systems Security .....	3
IA 473	Network Forensics and Analytics .....	3
IA 495	Capstone .....	3
ISAC 240	Intro to Cryptanalysis and Generic Attacks.....	3
ISAC 350	Network Security .....	3
ISAC 375	Software Assurance .....	3
LEGL 320	Cyber Law and Compliance .....	3

**Restricted Electives (6 credits)..... 6**

*Choose two IA, IT, ISAC, COSC, or IS courses, not already taken. Each course must be at the 300-level or above with advisor approval.*

IA 387L4	Cooperative Education (3)
IA 425	Cyber Crime Investigations (3)
IA 428	Digital Forensics (3)
IA 471	Data Security and Privacy (3)
IA 474	Applied Data Mining for IS (3)
IA 475	Advanced Topics in IS (3)
IA 476	Enterprise Security Analytics (3)
ISAC 317	IoT and Embedded Systems Security (3)
ISAC 417	Modern Vehicle Technology & Cyber Security (3)
IT 319	Intro to Human-Computer Interaction (3)
IT 321	Web Server Admin and Development (3)
IT 356	Managing Virtualization and Cloud Computing (3)
IT 375	Wireless Networks Administration (3)

**Credits at EMU:..... 54****Transfer Credits:..... 79****Total Credits: ..... 133**

## ARTICULATION AGREEMENT GUIDE

Lansing Community College – **AB in Computer Networking and Cybersecurity**  
 Eastern Michigan University – **BS in Information Assurance and Cyber Defense**

### 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. LCC courses indicated with an \* are required for EMU's BS in Information Assurance and Cyber Defense. 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 54 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. LCC students will receive equal consideration with other students for course registration and financial aid.
6. Information Assurance and Cyber Security Requirements
  - Students must complete IA 103 and IT 110 (or equivalent transfer courses) with a grade of B- or higher before enrolling in additional IA, IT, or ISAC courses.
  - Only 300-level courses taken at EMU can satisfy major requirements.
  - ALL students MUST take at least 45 credits at the 300-level or above in the IA/CD program.
  - Students must maintain a minimum cumulative EMU GPA of 2.5.
7. Students are encouraged to contact EMU's BS in Information Assurance and Cyber Defense advising center 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.

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### Contacts:

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