



## Bachelor of Science: Majoring in Cybersecurity (CYB) Transfer Pathway Guide for Lansing Community College

This is a tool designed to assist LCC students transferring to the University of Michigan-Flint. This is not a self-advising tool.	
Lansing Community College	
Course Equivalent	
ENGL 121 Composition I <b>OR</b> MTA satisfies	
ENGL 122 Comp I <b>OR</b> COMM 120 Dynamics of Comm <b>OR</b> COMM 130 Fund of Public Speaking <b>OR</b> MTA satisfies	
Options at: Transfer.umflint.edu <b>OR</b> MTA satisfies	
Options at: Transfer.umflint.edu <b>OR</b> MTA satisfies	
Options at: Transfer.umflint.edu	
MATH 141: Calculus w/ Applications OR MTA satisfies	
Options at: Transfer.umflint.edu <b>OR</b> MTA satisfies	

Natural Science (N/NL)- 4 credit hours w/ lab	Options at: Transfer.umflint.edu <b>OR</b> MTA satisfies
Add'I credit hours of the student's designation choice are required to complete 30 credit hours. MTA meets this requirement.	
Required Program Curriculum	
Prerequisites	Course Equivalent
CIT 100: Technology Foundations	Completed at UM-Flint
CSC 137: Fundamentals of Unix/Linux	Completed at UM-Flint
CYB 101: Security Fundamentals I	CITN 280: IT Security Foundations
Programming Foundations	
CSC 175: Problem Solving & Prog <b>OR</b>	CPSC 230: Algorithms and Computing w/C++ <b>OR</b>
CSC 176: Problem Solving and Programming I in Java <b>OR</b>	CITP 190: Intro to Programming in JAVA <b>OR</b>
CSC 179: Problem Solving and Programming I in Python	CISB 281: Visual C++ Programming
CSC 275: Problem Solving & Prog II <b>OR</b>	CPSC 231: Comp & Data Struc <b>OR</b>
CSC 276: Problem Solving & Prog II in Java <b>OR</b>	CITP 290: Adv JAVA Program Busn <b>OR</b>
CSC 279: Problem Solving and Programming II in Python	CISB 280: Advanced C/C++ Program with OO
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Core Courses	Course Equivalent
CIS 314: Computer Ethics	Completed at UM-Flint
CSC 335: Computer Networks	Completed at UM-Flint
CSC 377: Operating Systems	Completed at UM-Flint
CYB 303: Security Operations	Completed at UM-Flint
CYB 336: Ethical Hacking	CITC 282: Ethical Hacking
CYB 337: Enterprise and Cloud Security	Completed at UM-Flint
CYB 430: Wireless and Mobile Security Systems	Completed at UM-Flint
CYB 478: Principles of Cryptography and Network	Completed at UM-Flint
Security	
CYB 486: Computer and Network Forensics	Completed at UM-Flint
ITI 220: Introduction to Embedded Systems	Completed at UM-Flint
ITI 387: System Administration	Completed at UM-Flint
SWE 380: Software Engineering	Completed at UM-Flint
Mathematics	Course Equivalent
MTH 118: Applied Calculus	MATH 141: Calculus w/ Applications
MTH 230: Introduction to Discrete Structures	Completed at UM-Flint
MTH 272: Applied Statistics and Data I	Completed at UM-Flint
Concentration of Choice	
Three courses from one of the following concentrations:	Completed at UM-Flint
<ul> <li>Application Security</li> </ul>	
<ul> <li>Cyber Physical Systems Security</li> </ul>	
Trustworthy AI	
Capstone Experience	Course Equivalent
CIT 480: Technology Capstone I	Completed at UM-Flint
1. Remaining requirements (general education & program requirement curriculum) may be completed through UM-Flint.	

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<sup>1.</sup> Remaining requirements (general education & program requirement curriculum) may be completed through UM-Flint.
2. Students must earn a min. of 124 college credits (transfer & UM-Flint), a min. of 30 UM-Flint credit hours.
3. Catalog & transfer credit are subject to change. Please speak with an UM-Flint rep before taking any add'l coursework (810.762.3361 or 3. Catalog & transfer George (1997)

go.umflint.edu/vucv5)

4. To view courses that transfer to UM-Flint, please visit transfer.umflint.edu.

For an official evaluation, apply for free at UMFLINT.EDU/APPLY.