

## TRANSFER PATHWAY GUIDE

Associate of Applied Science in Computer Network Engineering Technology – Cyber-Security Major (NETCCS)  
 at Cincinnati State Community College to  
 Miami University Bachelor of Science in Information Technology (Cybersecurity & Networking Concentration)

### Year 1 - Cincinnati State Community College

Fall Semester			Spring Semester		
Course Code and Name	Hours	Miami Equivalent	Course Code and Name	Hours	Miami Equivalent
NETC 121 Network Communications I	3	CIT 168	NETC 122 Network Comms 2	3	CIT 281
MAT 131 Statistics I	3	STA 261)	NETC 170 Governance and Management of IT	4	CIT 258
ENG 101 English Composition I	3	ENG 111	NETA 155 Server Administration 1	4	CIT 284
MGT 130 Project Management	3	CIT 205	Arts/Humanities Elective 1: PHI 110 Ethics	3	PHL 131 & CIT 262
First Year Experience Elective	1	CIT 101S	Cooperative Education: IT 111 Database Design and SQL 1	2	CIT 214
CIT 190 Career Preparation: Engineering and Information Technologies	1				
<b>Total:</b>	<b>14</b>		<b>Total:</b>	<b>16</b>	

### Year 2 – Cincinnati State Community College

Fall Semester			Spring Semester		
Course Code and Name	Hours	Miami Equivalent	Course Code and Name	Hours	Miami Equivalent
NETC 180 Information Risk Management	4	CT 376	NETC 240 Emerging Topics in Computer Network Engineering Technology	3	Technical Elective
NETC 230 Network Security Design	3	CIT 386	NETC 280 IT Documentation	4	Technical Elective
OMM 110 Public Speaking	3	STC 135	NETC 290 Computer Network Engineering Technology Capstone Project	3	CIT 357
ENG Elective: ENG 104 English Comp 2: Technical Communication	3	EGS 215	IT 215 Scripting Python	3	CSE 163
Natural Science Course (no lab)	3		Cooperative Education or Transfer Elective 2	2	
<b>Total:</b>	<b>16</b>		<b>Total:</b>	<b>15</b>	

***Cincinnati State Community College Degree Awarded – 61 credit hours.***

**Year 3 - Miami University Regionals**

Fall Semester		Spring Semester	
Course Code and Name	Hours	Course Code and Name	Hours
Social Science Course	3	MP Math & Formal Reasoning Course	3
CIT 268 Introduction to Human-Computer Interaction	3	CIT 225 Fundamentals of DevOps [ICAgile]	3
CIT 205 Agile Launchpad	3	CIT 273 Web Application Development	3
MTH 122 College Algebra	3	CIT 348 Information Management and Retrieval	3
Creative Arts Course	3	POL 271 World Politics	3
<b>Total:</b>	<b>15</b>	<b>Total:</b>	<b>15</b>

**Year 4 – Miami University Regionals**

Fall Semester		Spring Semester	
Course Code and Name	Hours	Course Code and Name	Hours
Global Perspectives Course	3	CIT 448 Global and Strategic Issues in IT	3
CIT 263 Advanced Topics in Programming	3	CIT 458 Capstone II-Implementation	4
CIT 358 Ethical Hacking	3	Intercultural Consciousness Course	3
CIT 457 Experiential Learning Capstone I-Design	3	CIT 480 Advanced Topics in Cybersecurity	3
POL 388 Politics of Cybersecurity	3	Diversity, Equity, & Inclusion Course	3
<b>Total:</b>	<b>15</b>	<b>Total:</b>	<b>16</b>

**Additional Semester (can be summer or winter) – Miami University Regionals**

Fall Semester	
Course Code and Name	Hours
Social Science Course	3
Natural Science & Lab	4
EGS 305 Integrative Writing	3
<b>Total:</b>	<b>10</b>

***Miami University Degree Awarded – minimum of 124 total credit hours***

**SPECIAL NOTES**

1. When applying to Miami University Regionals, please apply early for best course availability. For fall applicants, we suggest applying in spring semester.
2. Application Deadlines: Fall Admission – Aug. 1. Spring Admission – Jan. 1.
3. Transfer Scholarship Deadlines: Fall Admission – June 1. Spring Admission – Dec. 1. See the Miami Regionals scholarship page for more information: [MiamiOH.edu/Regionals/Scholarships](https://MiamiOH.edu/Regionals/Scholarships)

**Department Website:**

[MiamiOH.edu/Regionals/CIT](https://MiamiOH.edu/Regionals/CIT)

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