

TRANSFER PATHWAY GUIDE

Associate of Applied Science in Computer Network Engineering Technology (NETC)
at Cincinnati State Community College to
Miami University Bachelor of Science in Information Technology (Network 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	MAT 126 Functions & Calculus	4	
First Year Experience Elective	1	CIT 101S	NETA 155 Server Administration 1	4	CIT 284
MAT 125 Algebra and Trigonometry	4	MTH 122	EET 131 Circuit Analysis I	4	Technical Elective
ENG 101 English Composition I	3	ENG 111	Cooperative Education: IT 111 Database Design and SQL 1	2	CIT 214
CIT 190 Career Preparation: Engineering and Information Technologies	1				
EET 100 Introduction to Electrical Engineering Technology	2	CIT 167			
Total:	14		Total:	14	

Year 2 – Cincinnati State Community College

Fall Semester			Spring Semester		
Course Code and Name	Hours	Miami Equivalent	Course Code and Name	Hours	Miami Equivalent
EET 132 Circuit Analysis 2	4		NETC 240 Emerging Topics in Computer Network Engineering Technology	3	Technical Elective
NETC 122 Network Communications 2	3	CIT 281	NETC 290 Computer Network Engineering Technology Capstone Project	3	CIT 357
NETC 230 Network Security Design	3	CIT 386	ENG Elective: ENG 104 English Comp 2: Technical Communication	3	EGS 215
EET 121 Digital Systems I	3		Arts/Humanities Elective 1: PHI 110 Ethics	3	PHL 131 & CIT 262
PHY 151 Physics I	4	PHY 161	EET 122 Digital Systems 2	3	
			Cooperative Education or Transfer Elective 2	2	
Total:	17		Total:	17	

Cincinnati State Community College Degree Awarded – 62 credit hours.

Year 3 - Miami University Regionals

Fall Semester		Spring Semester	
Course Code and Name	Hours	Course Code and Name	Hours
CIT 205 Agile Launchpad	3	Creative Arts Course	3
CIT 268 Introduction to Human-Computer Interaction	3	CIT 225 Fundamentals of DevOps [ICAgile]	3
CSE 163 Math & Reasoning-Programming Python	3	CIT 258 Introduction to Global Cybersecurity	3
STA 261 Statistics	4	CIT 273 Web Application Development	3
STC 135 Public Speaking	3	CIT 348 Information Management and Retrieval	3
Total:	16	Total:	15

Year 4 – Miami University Regionals

Fall Semester		Spring Semester	
Course Code and Name	Hours	Course Code and Name	Hours
Global Perspectives Course	3	Diversity, Equity, & Inclusion Course	3
CIT 358 Ethical Hacking	3	Intercultural Consciousness Course	3
CIT 376 IT for Organizations	3	Natural Science Course (no lab)	3
CIT 448 Global and Strategic Issues in IT	3	CIT 458 Capstone II-Implementation	4
CIT 457 Experiential Learning Capstone I-Design	3	Social Science Course	3
Total:	16	Total:	16

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

Fall Semester	
Course Code and Name	Hours
EGS 305 Integrative Writing	3
Social Science Course	3
Total:	6

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

Department Website:

MiamiOH.edu/Regionals/CIT

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