

Computer and Information Technologies
Associate in Applied Science
Network Administration Track
Degree

Academic Plan Code 1101017089

Academic Subplan Code 110101708

Contact Information: Kate Senn

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270-534-3143

Student Name	Student ID#			
Course	Hours	Grade	Semester	
CIT 105 Introduction to Computers	3			
CIT 111 Computer Hardware and Software	4			
CIT 120 Computational Thinking	3			
CIT 170 Database Design Fundamentals	3			
CIT 180 Security Fundamentals	3			
Approved Level I Networking Course	4			
Approved Level I Programming Language Course	3			
CIT 293 CIT Employability Studies	1			
Technical Core Requirements Subtotal	24			
Completion of a Network Administration Track Course Sequence in: Microsoft Windows Administration OR Cisco Network Associate	12			
Approved CIT Technical Courses	9-12			
Track Subtotal	21-24			
General Education				
ENG 101 Writing I	3			
MAT 126 Technical Algebra and Trigonometry (or higher)	3			
Social and Behavioral Sciences Course	3			
Heritage or Humanities Course	3			
Natural Sciences Course	3			
General Education Subtotal	15			
Total Credits	60-63			
		Revised Date: 1/22/2019		

WKCTC is an equal opportunity employer and educational institution.

KENTUCKY COMMUNITY & TECHNICAL COLLEGE SYSTEM

All required courses are offered by WKCTC or a partner KCTCS college. Note: 25% of degree credit hours must be taken at WKCTC to meet a residency requirement. Please refer to the KCTCS catalog for a complete listing of courses.

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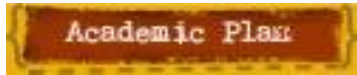
Course	Hours	Grade	Semester
Approved Level I Networking Courses			
CIT 160 Intro to Networking Concepts	4		
CIT 161 Introduction to Networks	4		
Approved Level I Programming Language Courses			
CIT 140 JavaScript I	3		
CIT 141 PHP I	3		
CIT 142 C++ I	3		
CIT 143 C# I	3		
CIT 144 Python I	3		
CIT 145 Perl I	3		
CIT 146 Swift I	3		
CIT 147 Programming I: Language	3		
CIT 148 Visual Basic I	3		
CIT 149 Java I	3		
CIT 171 SQL I	3		
University Level I Programming Languages as approved by Program Coordinator	3-4		
Approved Level II Programming Language Courses			
CIT 237 iOS Programming	3		
CIT 238 Android Programming	3		
CIT 241 PHP II	3		
CIT 242 C++ II	3		
CIT 243 C# II	3		
CIT 244 Python II	3		
CIT 247 Programming II: Language	3		
CIT 248 Visual Basic II	3		
CIT 249 Java II	3		
CIT 271 SQL II	3		
University Level II Programming Languages as approved by Program Coordinator	3-4		

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Network Administration Track Course Sequences			
Microsoft Windows Administration			
CIT 213 Microsoft Client Configuration	3		
CIT 261 MS Active Directory Services	3		
CIT 262 MS Server Infrastructure	3		
CIT 264 Microsoft Server Management	3		
Sequence Subtotal	12		
Cisco Networking Associate Course			
CIT 167 Routing & Switching Essentials	4		
CIT 209 Scaling Networks	4		
CIT 212 Connecting Networks	4		
Sequence Subtotal	12		
Approved CIT Technical Courses (recommended)			
CIT 217 UNIX/Linux Administration	3		
CIT 218 UNIX/Linux Net Infrastructure	3		
CIT 260 Network Hardware Installation and Troubleshooting	3		
CIT 263 Advanced Topics in Microsoft Windows: (Topic)	3		
CIT 284 Computer Forensics	3		
CIT 285 MS Windows OS Security	3		
CIT 287 Cisco OS Security	3		
CIT 288 Network Security	3		
Approved CIT Technical Courses taken from:			
Approved Level I Programming Language Courses (not taken as core course)			
Approved Level II Programming Language Courses			
Any Course taken from alternate Network Administration Course Sequence			
Any CIT Course approved by CIT faculty advisor or program coordinator			



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Semester 1 (Schedule To Be Completed by Student and Advisor)		
Course No.	Course Title	Credit Hours
Subtotal		
Semester 2 (Schedule To Be Completed by Student and Advisor)		
Course No.	Course Title	Credit Hours
Subtotal		
Program Coordinator Notes:		

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Semester 3 (Schedule To Be Completed by Student and Advisor)		
Course No.	Course Title	Credit Hours
Subtotal		
Semester 4 (Schedule To Be Completed by Student and Advisor)		
Course No.	Course Title	Credit Hours
Subtotal		
Program Coordinator Notes:		

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Semester 5 (Schedule To Be Completed by Student and Advisor)		
Course No.	Course Title	Credit Hours
Subtotal		
Semester 6 (Schedule To Be Completed by Student and Advisor)		
Course No.	Course Title	Credit Hours
Subtotal		
Program Coordinator Notes:		

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