

Computer and Information Technologies
Associate in Applied Science
Information Security Track
Degree

Academic Plan Code 1101017089

Academic Subplan Code 110101712

Contact Information: Dr. Faris Sahawneh			
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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		
CIT 182 Perimeter Defense	3		
CIT 184 Attacks and Exploits	3		
CIT 217 UNIX/Linux Administration	3		
Approved Network Elective Courses	6		
Approved Security Elective Course	3		
Approved CIT Technical Course	3		
Track Subtotal	21		
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		
		Revised Date: 9/26/2018	

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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 Network Elective Courses			
CIT 167 Routing and Switching Essentials	4		
CIT 209 Scaling Networks	4		
CIT 212 Connecting Networks	4		
CIT 218 UNIX/Linux Net Infrastructure	3		
CIT 219 Internet Protocols	3		
CIT 260 Network Hardware Installation and Troubleshooting	3		
CIT 261 MS Active Directory Services	3		
CIT 262 MS Server Infrastructure	3		
CIT 263 Advanced Topics in Microsoft Windows: (Topic)	3		
CIT 264 Microsoft Server Management	3		
Or other Microsoft Networking courses approved by the CIT Program Coordinator	3		
Approved Security Elective Courses			
CIT 284 Computer Forensics	3		
CIT 285 MS Windows OS Security	3		
CIT 286 UNIX/Linux OS Security	3		
CIT 287 Cisco OS Security	3		
CIT 288 Network Security	3		
Approved CIT Technical Courses			
Additional CIT Courses approved by the CIT Program Coordinator	3		

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