

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

**Academic Plan Code** 1101017089

**Academic Subplan Code** 110101712

<b>Contact Information:</b> Kate Senn				
<a href="mailto:catherine.senn@kctcs.edu">catherine.senn@kctcs.edu</a>		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		
	<b>Technical Core Requirements Subtotal</b>	<b>24</b>		
	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		
	<b>Track Subtotal</b>	<b>21</b>		
	<b>General Education</b>			
	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		
	<b>General Education Subtotal</b>	<b>15</b>		
	<b>Total Credits</b>	<b>60</b>		
		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
<b>Approved Level I Networking Courses</b>			
CIT 160 Intro to Networking Concepts	4		
CIT 161 Introduction to Networks	4		
<b>Approved Level I Programming Language Courses</b>			
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		
<b>Approved Network Elective Courses</b>			
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		
<b>Approved Security Elective Courses</b>			
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		
<b>Approved CIT Technical Courses</b>			
Additional CIT Courses approved by the CIT Program Coordinator	3		

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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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