



# Computer & Information Technologies

Associate in Applied Science

Network Administration Track (Cisco Sequence)

FIRST YEAR COURSE SCHEDULE					
Name	ID#		Semester		
✓	<b>Fall Semester</b>		✓	<b>Spring Semester</b>	
		Credits			Credits
	ENG 101 - Writing I	3		CIT 161 - Introduction to Networks	4
	CIT 105 - Intro to Computers	3		CIT 167 - Switching and Routing Essent.	4
	MAT126 - Technical Algebra & Trigonometry (or higher*)	3		CIT 111 - Computer Hardware and Software	4
	Heritage/Humanities Course	3		CIT 170 - Database Design Fund.	3
	Social/Behavioral Sciences Course	3			
	<b>Total Credit Hours</b>	<b>15</b>		<b>Total Credit Hours</b>	<b>15</b>

\*If you plan to transfer to a four-year college/university, it is recommended that you take MAT150 – College Algebra.

SECOND YEAR COURSE SCHEDULE					
✓	Fall Semester		✓	Spring Semester	
		Credits			Credits
	CIT 180 - Security Fundamentals	3		CIT 217 - Unix/Linux Administration	3
	CIT 207 - Connecting Networks	4		CIT 291 - CIT Capstone	3
	CIT 120 - Computational Thinking	3		Level I Programming Language	3
	CIT Technical Elective	3		CIT Technical Elective	3
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	<b>Total Credit Hours</b>	<b>16</b>		<b>Total Credit Hours</b>	<b>15</b>
				<b>Program Credit Hours</b>	<b>61</b>

Cisco Networking Associate Sequence			Microsoft Windows Administration Sequence		
	Course	Credits		Course	Credits
	Level I Networking (CIT 161 only)	4		Level I Networking (CIT 160/CIT 161)	4
	CIT 167 - Switching and Routing Essent.	4		CIT 213 - Microsoft Client Configuration	3
	CIT 212 - Connecting Networks	4		CIT 261 - MS Active Directory Services	3
	CIT 217 - UNIX/Linux Administration	3		CIT 262 - MS Network Infrastructure	3
	CIT Technical Elective	3		CIT 264 - Microsoft Server Management	3

- Students must earn a “C” or better in each CIT course to count towards a prerequisite or toward a degree or certificate.
- See the ACTC Catalog for approved Level I Programming Languages
- Students may not use one course to fulfill multiple requirements.
- All CIT graduates must take exit exam(s) as required by Ashland Community and Technical College/KCTCS.
- Have a question? Contact [Randolph.Cullum@kctcs.edu](mailto:Randolph.Cullum@kctcs.edu)