



Computer & Information Technologies

Associate in Applied Science

Network Administration Track (Microsoft Sequence)

FIRST YEAR COURSE SCHEDULE							
Name			ID#			Semester	
✓	Fall Semester		Credits	✓	Spring Semester		Credits
	ENG 101 - Writing I	3			CIT 111 - Computer Hardware and Software	4	
	CIT 105 - Intro to Computers	3			CIT 170 - Database Design Fund.	3	
	MAT126 - Technical Algebra & Trigonometry (or higher*)	3			Level I Networking (CIT 160/CIT 161)	4	
	Heritage/Humanities Course	3			CIT 120 - Computational Thinking	3	
	Social/Behavioral Sciences Course	3			CIT Technical Elective	3	
Total Credit Hours		15		Total Credit Hours		17	

*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		Credits	✓	Spring Semester		Credits
	Level I Programming Language	3			CIT 180 - Security Fundamentals	3	
	CIT 213 - Microsoft Client Configuration	3			CIT 262 - MS Network Infrastructure	3	
	CIT 261 - MS Active Directory Services	3			CIT 264 - Microsoft Server Management	3	
	Natural Science Course	3			CIT 291 - CIT Capstone	3	
	CIT Technical Elective	3			CIT Technical Elective	3	
Total Credit Hours		15		Total Credit Hours		15	
						Program Credit Hours	62

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