

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 Course (CIT 160/CIT 161)	4
	Heritage/Humanities Course	3		CIT 120 – Computational Thinking	3
	Social/Behavioral Sciences Course	3			
	Total Credit Hours	15		Total Credit Hours	14

*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
	CIT 180 - Security Fundamentals	3		CIT 182 – Perimeter Defense	3
	CIT 217 – UNIX/Linux Administration	4		CIT 184 – Attacks and Exploits	3
	Approved Network Elective	3(4)		CIT 291 - CIT Capstone	3
	Level I Programming Language	3		Approved Security Elective	3
	CIT Technical Elective	3		Approved Network Elective	3(4)
	Total Credit Hours	16(17)		Total Credit Hours	15(16)
				Program Credit Hours	60 - 62

Approved Network Electives					
	Course	Credits		Course	Credits
	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
	Any other network course approved by your advisor			CIT 262 - MS Network Infrastructure	3
				CIT 264 - Microsoft Server Management	3
Approved Security Electives					
	Course	Credits		Course	Credits
	CIT 284 - Computer Forensics	3		CIT 288 – Network Security	3
	CIT 285 - MS Windows OS Security	3			
	CIT 286 - UNIX/Linux OS Security	3			
	CIT 287 - Cisco OS Security	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