



Computer & Information Technologies

Associate in Applied Science

Cloud Computing Technologies Track

FIRST YEAR COURSE SCHEDULE					
Name	ID#		Semester		
✓	Fall Semester		✓	Spring Semester	
		Credits			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		CIT 161 - Introduction to Networks	4
	Heritage/Humanities Course	3		CIT 167 - Switching & Routing Essent.	4
	Social/Behavioral Sciences Course	3			
Total Credit Hours		15	Total Credit Hours		15

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

SUMMER SEMESTER		
✓	Course	Credits
	CIT 201 - Information Storage Man.	3
	CIT 262 - MS Network Infrastructure	3
Total Credit Hours		6

SECOND YEAR COURSE SCHEDULE					
✓	Fall Semester		✓	Spring Semester	
		Credits			Credits
	CIT 120 - Computational Thinking	3		CIT 217 - UNIX/Linux Administration	3
	CIT 180 - Security Fundamentals	3		Level I Programming Course	3
	CIT Elective	3		CIT 207 - AWS Cloud Architecting	3
	CIT 206 - AWS Cloud Practitioner	3		CIT 291 - CIT Capstone	3
	Natural Science Course	3			
Total Credit Hours		15	Total Credit Hours		12
					Program Credit Hours

Level I Programming		
✓	Course	Credits
	CIT 171 - SQL 1	3
	CIT 144 - Python I	3
	Other approved Programming Course	3

- Students must earn a “C” or better in each CIT course to count towards a prerequisite or toward a degree or certificate.
- 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