



Computer & Information Technologies
 Associate in Applied Science
Programming Track – Information Systems Sequence

FIRST YEAR COURSE SCHEDULE						
Name		ID#		Semester		
✓	Fall Semester	Credits		✓	Spring Semester	Credits
	ENG 101 - Writing I	3			Level I Programming Course (see catalog)	3
	CIT 105 - Intro to Computers	3			Level I Networking (CIT 160/CIT 161)	4
	MAT126 - Technical Algebra & Trigonometry (or higher*)	3			CIT 111 - Computer Hardware and Software	4
	CIT 120 – Computational Thinking	3			Heritage/Humanities Elective	3
	Social/Behavioral Sciences Elective	3			Natural Sciences 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 II Programming Course (see catalog)	3			CIT 180 - Security Fundamentals	3	
	CIT 170 - Database Design Fund.	3			CIT 291 - CIT Capstone	3	
	CIT Technical Elective	3			Information Systems Sequence Course	3	
	Information Systems Sequence Course	3			Information Systems Sequence Course	3	
	Information Systems Sequence Course	3			Level I, II, or III Programming Course	3	
Total Credit Hours		15		Total Credit Hours		15	
						Program Credit Hours	62

Approved Information Systems Sequence Courses		
✓	Course	Credits
	CIT 171 - SQL I	3
	CIT Technical Elective	3
	Management or Business Course	3
	Business Course	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 programming courses
- Your advisor will help you select appropriate Business and Management courses.
- 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