Name of Degree/ Diploma or Certificate	Associate in Applied Science Degree in **Computer and Information Technologies—Applications Track, Geographic Information Systems**		
Coordinator Contact Information	Name	Melanie Williamson	
	Office	202A Academic Technical Building, Cooper Campus, Lexington	
	Office Phone	(859) 246-6285	
	Email	melanie.williamson@kctcs.edu	
Asst. Coordinator Contact Information	Name	Dana Brown	
	Office	201G Academic Technical Building, Cooper Campus, Lexington	
	Office Phone	(859) 246-6345	
	Email	dana.brown@kctcs.edu	
Recommended Sequencing		Required Courses	Date Complete
	Prior to Start*	Students must be ready to enroll in college-level courses.	
	First Year, Summer	• CIT 105 Intro to Computers (3)	
	First Year, Fall	• CIT 111 Computer Hardware and Software Concepts (4) • CIT 120 Computational Thinking (3) • ENG 101 Writing I (3) • CIT 130 Productivity Software (3)	
	First Year, Spring	• MAT 150 College Algebra (3) • CIT 160 Introduction to Networking Concepts (4) • CIT 170 Database Design Fundamentals (3) • Approved Level I Programming Language (3) • GIS 110 Spatial Data Analysis and Map Interpretation (3)	
	Second Year, Summer	• CIT 150 Internet Technologies (3) • Social/Behavioral Science Course (3)	
	Second Year, Fall	• GIS 120 Intro to Geographic Information Systems (3) • CIT 253 Data-Driven Web Pages: Topic (3) • Approved Business Management Course (3) • Heritage/Humanities Course (3) • Natural Science Course (3)	
	Second Year, Spring	• CIT 180 Security Fundamentals (3) • CIT 291 CIT Capstone (3) • GIS 210 Advanced Geographic Information Systems (3) • Approved CIT Elective (3)	
		Total Hours	65
Notes & Additional Information	• Non-general education course credits more than 5 years old cannot be used to meet graduation requirements. • Only core, option, and capstone courses in which a student has earned a "C" or higher (or "Pass" for Pass/Fail courses) may be used to meet graduation requirements.		

*The following ACT/COMPASS scores are required to complete the CIT curriculum in two years:

	ACT Score	COMPASS Score
Math	21 or higher	Algebra 54 – 100
English	19 or higher	70 – 100
Reading	20 or higher	85 - 100