Name of Degree/ Diploma or Certificate	Associate in Applied Science Degree in **Computer and Information Technologies—Computer Science Option (Fall 2012 – Fall 2014)**		
Coordinator Contact Information	Name	Melanie Williamson	
	Office	213P Classroom Building, Newtown Campus, Lexington	
	Office Phone	(859) 246-6285	
	Email	melanie.williamson@kctcs.edu	
Asst. Coordinator Contact Information	Name	Dana Brown	
	Office	213N Classroom Building, Newtown Campus, Lexington	
	Office Phone	(859) 246-6345	
	Email	dana.brown@kctcs.edu	
Recommended Sequencing for Full Time Enrollment		Courses (credits)	Date Complete
	Prior to Start*	Students must be ready to enroll in college-level courses.	
	First Year, Summer	CIT 105 Introduction to Computers (3) CIT 120 Computational Thinking (3)	
	First Year, Fall	CIT 111 Computer Hardware and Software (4) ENG 101 Writing I (3) MAT 174 Calculus I OR MA 113 (4)* CS 115 Introduction to Computer Programming (3)	
	First Year, Spring	CIT 150 Internet Technologies (3) CIT 170 Database Design Fundamentals (3) Heritage/Humanities Curse (3) CS 215 – Introduction to Program Design, Abstraction, and Problem Solving (4) ENG 102 Writing II (3)	
	Second Year, Summer	CIT 160 Intro to Networking Concepts (4) OR CIT 161 Network Fundamentals (4)	
	Second Year, Fall	CS 216 – Introduction to Software Engineering (3) MAT 184 Calculus II OR MA 114 (4) PHY 231 – General University Physics (4) PHY 241 – General University Physics Lab (1)	
	Second Year, Spring	CS 275 – Discrete Mathematics (4) CIT 180 Security Fundamentals (3) CIT 291 CIT Capstone (3) Social & Behavioral Science Course (3) Oral Communications Course (3)	
Notes & Additional Information	For students not continuously enrolled, any non-general education course credit 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.		

* Computer Science track students will need to be Calculus I ready prior to starting this track. This may include the student needing to take MAT 150 – College Algebra and MAT 155 – Trigonometry.

- All CIT students, new and returning, are advised to consult a BCTC CIT advisor.