

Name of Degree/ Diploma or Certificate	Associate in Applied Science Degree in Computer and Information Technologies— Applications Option, Geographic Information Systems (Fall 2012 – Spring 2014)		
Coordinator Contact Information	Name	Melanie Williamson	
	Office	202A Academic Technical Building, Cooper Campus, Lexington	
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Asst. Coordinator Contact Information	Name	Dana Brown	
	Office	201G Academic Technical Building, Cooper Campus, Lexington	
	Office Phone	(859) 246-6345	
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Recommended Sequencing		Courses	Date Complete
	Prior to Start*	Students must be ready to enroll in college-level courses.	
	First Year, Summer	CIT 105 Introduction to Computers (3)	
	First Year, Fall	CIT 111 Computer Hardware and Software (4) CIT 120 Computational Thinking (3) CIT 130 Productivity Software (3) ENG 101 Writing I (3) MAT 150 College Algebra (3)	
	First Year, Spring	CIT 150 Internet Technologies (3) CIT 160 Intro to Networking Concepts (4) CIT 170 Database Design Fundamentals (3) GIS 110 Spatial Data Analysis and Remote Sensing Techniques (3)	
	Second Year, Fall	CIT 180 Security Fundamentals (3) GIS 120 Introduction to Geographic Information Systems (3) Approved Level I Programming Language Course (3) Approved Business or Management Course (3) Natural Science Course (3)	
	Second Year, Spring	CIT 253 Data-Driven Web Pages : PHP/MySQL (3) CIT 291 CIT Capstone (3) Social & Behavioral Science Course (3) GIS 210 Advanced Topics in GIS (3) Heritage/Humanities Course (3)	
Total Hours			65
Notes & Additional Information	<p>For students not continuously enrolled, any non-general education course credit more than 5 years old cannot be used to meet graduation requirements.</p> <p>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.</p>		

- New and returning CIT students are advised to consult a BCTC CIT advisor.