

Program Coordinator: Robert Chirwa
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Program Website: <https://bluegrass.kctcs.edu/education-training/program-finder/computer-information-technology.aspx>
Student Name:
Student ID:
Students must meet college readiness benchmarks as identified by the Council on Postsecondary Education or remedy the identified skill deficiencies.

First Semester	Credit Hours	Term	Grade	Prerequisites	Notes
CIT 105 Introduction to Computers	3				See Note below.
Total Semester Credit Hours	3				

Second Semester	Cr. Hrs.	Term	Grade	Prerequisites	Notes
CIT 111 Computer Hardware and Software	4			CIT 105	
CIT 120 Computational Thinking	3			Coreq: MAT 126 or higher	
CIT 160 Introduction to Networking Concepts OR CIT 161 Introduction to Networks	4			Coreq: CIT 111	
Total Semester Credit Hours	11				

Third Semester	Cr. Hrs.	Term	Grade	Prerequisites	Notes
CIT 170 Database Design Fundamentals	3			CIT 105 and (MAT 126 or MAT 085 or higher)	
CIT 180 Security Fundamentals	3			CIT 160 or CIT 161	
Level I Programming Language Course	3				
Total Semester Credit Hours	9				
Total Certificate Credit Hours	23				

- Graduation Requirements:**
- 25% or more of Total Certificate Credit Hours must be earned at BCTC
 - Grade of C or higher in each course required for the certificate

Advisor Name _____ **Advisor Contact** _____

Additional Information
Students can demonstrate Digital Literacy by exam or certification rather than complete CIT 105.

Approved Level I Programming Courses			
Course	Cr. Hrs.	Prerequisites	Notes
INF 120 Elementary Programming	3		
CIT 140 JavaScript I	3	CIT 120 and either CIT 150 or CIT 155	Spring only
CIT 143 C# I	3	CIT 120	
CIT 144 Python I	3	CIT 120	
CIT 148 Visual Basic I	3	CIT 120	Fall only
CIT 149 Java I	3	CIT 120	
CIT 171 SQL I	3	CIT 120 and CIT 170	Fall only
CS 115 Introduction to Computer Programming	3		

Embedded Credentials			
Credential	Title	Requirements	Total Cr. Hrs.
Certificate	A + Prep	CIT 111	4