



Computer and Information Technologies – Informatics Programming Certificate

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 120 Computational Thinking	3			Coreq: MAT 126 or higher	
CIT 170 Database Design Fundamentals	3			CIT 105 and (MAT 126 or MAT 085 or higher)	
Total Semester Credit Hours	6				

Second Semester	Cr. Hrs.	Term	Grade	Prerequisites	Notes
Informatics Programming Language I	3				See list below.
Total Semester Credit Hours	3				

Third Semester	Cr. Hrs.	Term	Grade	Prerequisites	Notes
Informatics Programming Language II	3 – 4				Second course in Pair
Total Semester Credit Hours	3 – 4				
Total Certificate Credit Hours	12 – 13				

- 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 _____

Informatics Programming Language Pairs	
Informatics Programming Language I	Informatics Programming Language II
CIT 142 C++ I	CIT 242 C++ II
CIT 143 C# I	CIT 243 C# II
CIT 148 Visual Basic I	CIT 248 Visual Basic II
CIT 149 Java I	CIT 249 Java II
CS 115 Intro to Computer Programming	CS 215 Intro Program Design, Instruction, and Problem Solving
INF 120 Elementary Programming	INF 260 Object Oriented Programming I