

Program Coordinator: Don Halcomb  
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Program Website: <https://bluegrass.kctcs.edu/education-training/program-finder/computer-information-technology.aspx>

Student Name:

Student ID:

*Students need to be at KCTCS placement levels for all courses*

Pre-Admission Requirements (if applicable)				
First Semester	Credits	Term	Grade	Prereqs/Notes
MAT 85	3			MAT 065 or MAT 075 or KCTCS placement examination

First Semester	Credits	Term	Grade	Prereqs/Notes
CIT 105 - Introduction to Computers	3			RDG 20 or Consent of instructor
CIT 160 - Introduction to Networking Concepts OR CIT 161 - Introduction to Networks (CIT 161 is <i>recommended for the Network Technologies Track</i> )	4			Pre-requisite: MT 065 OR Consent of Instructor Co-requisite: CIT 111 OR Consent of Instructor
ENG 101 - Writing I	3			
CIT 120 - Computational Thinking	3			Co-requisite: MAT 085 or MAT 126 or higher OR Consent of Instructor
<b>Total Semester Credit Hours</b>	<b>16</b>			

Second Semester	Credits	Term	Grade	Prereqs/Notes
CIT 111 - Computer Hardware and Software	4			CIT 105 AND MAT 065 OR Consent of Instructor
MAT 150 - College Algebra is <i>strongly</i> recommended (MAT 126 - Algebra and Trigonometry or higher is <i>required</i> )	3			
CIT 167 - Routing and Switching Essentials	4			CIT 161 or Consent of Instructor
CIT 170 - Database Design Fundamentals	3			CIT 105 OR OST 105 OR IMD 100 AND MAT 085 OR MAT 126 OR Consent of Instructor
Heritage or Humanities Course	3			
<b>Total Semester Credit Hours</b>	<b>17</b>			

Third Semester	Credits	Term	Grade	Prereqs/Notes
CIT 180 - Security Fundamentals	3			(CIT 160 OR CIT 161) OR Consent of Instructor
CIT 209 - Scaling Networks	4			CIT 167 or Consent of instructor
CIT 213 - Microsoft Client Configuration	3			CIT 111 AND CIT 160 OR CIT 161 OR Consent of Instructor.
CIT 214 - Microsoft Server Configuration	3			CIT 111 AND CIT 160 OR CIT 161 OR Consent of Instructor
Approved Level I Programming Language	3			CIT 120 or Consent of Instructor
<b>Total Semester Credit Hours</b>	<b>16</b>			

Fourth Semester	Credits	Term	Grade	Prereqs/Notes
CIT 288 - Network Security	3			CIT 180 AND Level 1 Network Technologies Specialization Sequence OR

				Consent of Instructor.
CIT 212 - Connecting Networks	4			CIT 209 OR Consent of Instructor
Natural Science Course	3			
Social and Behavioral Sciences Course	3			
CIT 293 - CIT Employability Studies	1			
<b>Total Semester Credit Hours</b>	<b>14</b>			

*Note: 25% of Total Program Credit Hours must be earned at Bluegrass Community and Technical College.*

**Advisor Name:** \_\_\_\_\_ **Advisor Signature:** \_\_\_\_\_

**Student Name:** \_\_\_\_\_ **Student Signature:** \_\_\_\_\_

<b>Special Instructions:</b>