

Program Coordinator: Robert Chirwa
E-mail: robert.chirwa@kctcs.edu
Phone: 859-246-6298
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 160 Introduction to Networking Concepts OR CIT 161 Introduction to Networks	4				
Total Semester Credit Hours	4				

Second Semester	Cr. Hrs.	Term	Grade	Prerequisites	Notes
CIT 180 Security Fundamentals	3			CIT 160 or CIT 161	
Approved Security or Network Elective Courses	3				
Total Semester Credit Hours	6				

Third Semester	Cr. Hrs.	Term	Grade	Prerequisites	Notes
CIT 182 Perimeter Defense	3			CIT 180	
CIT 184 Attacks and Exploits	3			CIT 180	
Approved Security or Network Elective Courses	3				
Total Semester Credit Hours	9				
Total Certificate Credit Hours	19				

- 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** _____

Approved Network Elective Courses		
Course	Cr. Hrs.	Prerequisites
CIT 167 Routing & Switching Essentials	4	CIT 161 or Consent of Instructor
CIT 212 Connecting Networks	4	CIT 167 or Consent of Instructor
CIT 218 UNIX / Linus Net Infrastructure	3	CIT 217 or Consent of Instructor
CIT 219 Internet Protocols	3	CIT 160 or CIT 161 or CIT 162 or Consent of Instructor
CIT 260 Network Hardware Installation and Troubleshooting	3	CIT 111 and CIT 161 + CIT 162 or Consent of Instructor
CIT 262 MS Network Infrastructure	3	CIT 111 and CIT 160 + CIT 161 or Consent of Instructor
CIT 263 Advanced Topics in Microsoft Windows: (Topic)	1 – 6	CIT 213 or Consent of Instructor
CIT 265 MS Application Servers	3	CIT 213 or Consent of Instructor
Other Microsoft networking courses as approved by the CIT Program Coordinator		

Approved Security Elective Courses		
Course	Cr. Hrs.	Prerequisites
CIT 284 Computer Forensics	3	CIT 180 or Consent of Instructor
CIT 285 MS Windows OS Security	3	CIT 180 and (CIT 214 or CIT 262) or Consent of Instructor
CIT 286 UNIX / Linux OS security	3	CIT 180 and CIT 217 or Consent of Instructor
CIT 287 Cisco OS Security	3	CIT 167 or CIT 212 or Consent of Instructor
CIT 288 Network Security	3	CIT 180 and Level I Networking Specialization Sequence or Consent of Instructor