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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
CIT 105 – Introduction to Computers	3			See note below about Special Exam for Credit. Well qualified students (as determined by CIT faculty only) may be given permission to take CIT 105 along with CIT 111 and/or CIT 161. Please send student to a CIT faculty member to discuss this.
Total Semester Credit Hours	3			

First Semester	Credits	Term	Grade	Prereqs/Notes
*CIT 111 – Computer Hardware and Software	4			Prereq: CIT 105 AND (MAT 65 OR MAT 75)
CIT 160 - Introduction to Networking Concepts OR *CIT 161 - Introduction to Networks (CIT 161 is strongly recommended for the Network Technologies Track)	4			Prerequisite or Co-requisite: CIT 111 OR Consent of Instructor
ENG 101 – Writing I	3			
MAT 150 – College Algebra (strongly recommended) OR MAT 126	3			MAT 150 also fulfills Quantitative Reasoning requirement for students planning to continue to complete a B.S. degree.
Total Semester Credit Hours	14			

Second Semester	Credits	Term	Grade	Prereqs/Notes
*CIT 120 – Computational Thinking	3			Pre-requisite or Co-requisite: MAT 085 OR (MAT 126 or higher) OR Consent of Instructor
*CIT 180 - Security Fundamentals	3			Prerequisite: (CIT 160 OR CIT 161) OR Consent of Instructor
CIT 170 - Database Design Fundamentals	3			Prerequisite: CIT 105 AND (MAT 85 OR MAT 126 OR higher) OR Consent of Instructor
*Primary or Secondary platform course	3-4			Specific platform courses available in alternating semesters. See course rotation below. Student must complete a minimum of 15 credit hours in platform courses. At least 8 hours must be in the primary platform. At least 4 hours must be in the secondary platform.
*Primary or Secondary platform course	3			
Total Semester Credit Hours	15 - 16			

Third Semester	Credits	Term	Grade	Prereqs/Notes
CIT 219: Internet Protocols	3			Prerequisite: (CIT 160 OR CIT 161) OR Consent of Instructor
*Primary or Secondary platform course	3 - 4			Prerequisites will vary by platform. All require at least CIT 160 or CIT 161
*Primary or Secondary platform course	3			Prerequisites will vary by platform. All require at least CIT 160 or CIT 161
Heritage OR Humanities course	3			May be taken any semester
Level 1 Programming Language	3			Prerequisite: CIT 120 OR Consent of Instructor
Total Semester Credit Hours	15 - 16			

Fourth Semester	Credits	Term	Grade	Prereqs/Notes
*Primary or Secondary platform course	3 - 4			Students must complete a minimum of 15 credit hours in platform courses. At least 8 hours must be in the primary platform. At least 4 hours must be in the secondary platform.
CIT 288: Network Security	3			Prerequisite: CIT 180 AND at least six platform specific credit hours
CIT 293 – CIT Employability Skills	1			Should be taken during the last semester
Natural Science Course	3			May be taken any semester
Social/Behavioral Science Course	3			May be taken any semester
Total Semester Credit Hours	13-14			
Total Credential Hours	60-63			

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

Advisor Name: _____ **Advisor Signature:** _____

Student Name: _____ **Student Signature:** _____

Special Instructions:

This serves as a general structure for the degree. Primary platforms may be Microsoft, Cisco, or Linux. Secondary platforms may Microsoft, Cisco, or Linux (if not chosen as primary platform) or Data Center or Security. Please see detailed program plans for more information and platform options available.

*Priority classes: These classes should be taken first even if the student is not taking a full load.

Special Exams for Credit are given near the beginning of each semester, usually on the Thursday before classes start. Special Exams are offered for CIT 105, CIT 111, CIT 120, and CIT 130. Each exam has a small fee (\$20 - \$40). Please contact CIT faculty for details.

Please send CIT students to a CIT faculty advisor if possible. Students not assigned to a CIT advisor can send a message to the BL-CIT-Advising@kctcs.edu email address to schedule an appointment, even during the summer term.

There are no electives in this track.

Course Rotation Schedule (if applicable)

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Cisco Platform Courses	
CIT 167 (prereq CIT	Spring (and occasionally Summer) only
CIT 209	Fall only
CIT 212	Spring only
Microsoft Platform Courses	
CIT 213	Fall Only
CIT 214	Fall Only
CIT 215 (prereq CIT 214)	Spring Only
CIT 216 (prereq CIT 214)	Spring Only
Linux Platform Courses	
CIT 217 (prereq CIT 160/161)	Spring Only (8-week course)
CIT 218 (prereq CIT 217)	Spring Only (2 nd 8-week session)
CIT 255 (prereq 217/218)	Spring Only (online)
Approved Linux Programming Lang.	Course availability varies by semester. See catalog for approved languages.