



Computer and Information Technologies – Business Software and Support Track
Business Software Specialist, Customer Support, and Software Support Sequences
Associate in Applied Science degree

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				Should be taken first semester
CIT 120 Computational Thinking	3			Coreq: MAT 126 or higher	Should be taken first semester
ENG 101 Writing I	3				
Heritage or Humanities course	3				Should be taken first semester
MAT 126 Technical Algebra and Trigonometry or higher level Quantitative Literacy course	3				MAT 150 recommended
Total Semester Credit Hours	15				

Second Semester	Cr. Hrs.	Term	Grade	Prerequisites	Notes
CIT 111 Computer Hardware and Software	4			CIT 105	
CIT 130 Productivity Software	3			CIT 105	
CIT 160 Introduction to Networking Concepts OR CIT 161 Introduction to Networks (4)	4			Coreq: CIT 111	
CIT 170 Database Design Fundamentals	3			CIT 105 and (MAT 126 or MAT 085 or higher)	
Approved Business or Management Course	3				
Total Semester Credit Hours	17				

Third Semester	Cr. Hrs.	Term	Grade	Prerequisites	Notes
CIT 180 Security Fundamentals	3			CIT 160 or CIT 161	
CIT 234 Advanced Productivity Software	3			CIT 130	
CIT 236 Advanced Data Organization Software	3			CIT 130	
Approved Level I Programming Language Course	3				See list on back
Natural Sciences course	3				
Total Semester Credit Hours	15				

Fourth Semester	Cr. Hrs.	Term	Grade	Prerequisites	Notes
CIT 293 CIT Employability Skills	1			Sophomore standing	
Sequence Course	3				See list on back
Sequence Course	3				See list on back
Sequence Course	3				See list on back
Social and Behavioral Sciences course	3				
Total Semester Credit Hours	13				
Total Degree Credit Hours	60				

- Graduation Requirements:
- 25% or more of Total Program Credit Hours must be earned at BCTC
 - Cumulative GPA must be 2.0 or higher

Advisor Name _____

Advisor Contact _____

Additional Information

A grade of C or higher is required in each CIT, CS, IMD and INF course used to fulfill degree requirements.

APPROVED BUSINESS OR MANAGEMENT COURSES (Second Semester)

Course	Cr. Hrs.	Prerequisites	Notes
ACC 201 Financial Accounting	3	Sophomore standing	
ACT 101 Fundamentals of Accounting I	3		
BAS 160 Introduction to Business	3		
MGT 200 Small Business Management	3	BAS 160	
MGT 274 Human Resource Management	3	MGT 283	
MGT 283 Principles of Management	3	BAS 160	
MGT 287 Supervisory Management	3	MGT 283	
OST 275 Office Management	3		
Any business or informatics or management course approved by CIT Program Coordinator	3		

APPROVED LEVEL I PROGRAMMING LANGUAGE COURSE (Third Semester)

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		

SEQUENCE COURSES (Fourth Semester)

Business Software	Computer Support	Software Support
CIT 171 SQL I	CIT 232 Help Desk Operations	CIT 150 Internet Technologies OR CIT 155 Web Page Development OR CIT 157 Web Site Design & Production
Approved CIT Technical Course	Approved CIT Technical Course	CIT 253 Data-Driven Web Pages: Topic
Approved Business or Management Course	Approved CIT Technical Course	ENG 101 Writing I OR Oral Communications Course

Embedded Credentials

Credential	Title	Requirements	Total Credit Hours
Certificate	A+ Prep	CIT 111	4
Certificate	CIT Fundamentals	CIT 105, CIT 111, CIT 120, CIT 160 or CIT 161, CIT 170, CIT 180, Approved Level I Programming Language	23
Certificate	Computer Tech Basic	CIT 105, CIT 111, CIT 160 or CIT 161	11
Certificate	Computer Technician	CIT 105, CIT 111, CIT 160 or CIT 161, CIT 180	14
Certificate	Productivity Software Specialist	CIT 105, CIT 130, CIT 234, CIT 236	12
Certificate	Security+ Prep	CIT 180	3

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