

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 | |
| Total Semester Credit Hours | 3 | | | | |

| Second Semester | Cr. Hrs. | Term | Grade | Prerequisites | Notes |
|--|----------|------|-------|-----------------------|-------|
| Two of the following: CIT 150 Internet Technologies CIT 155 Web Page Development CIT 157 Web Site Design and Production | 6 | | | CIT 120 | |
| CIT 170 Database Design Fundamentals | 3 | | | Consent of Instructor | |
| Total Semester Credit Hours | 9 | | | | |

| Third Semester | Cr. Hrs. | Term | Grade | Prerequisites | Notes |
|------------------------------------|----------|------|-------|---------------------|-------|
| CIT 171 SQL I | 3 | | | CIT 120 and CIT 170 | |
| Level I Web Programming Language | 3 | | | | |
| Total Semester Credit Hours | 6 | | | | |

| Fourth Semester | Cr. Hrs. | Term | Grade | Prerequisites | Notes |
|---------------------------------------|-----------|------|-------|---|-------|
| CIT 253 Data-Driven Web Pages: Topic | 3 | | | CIT 150 and CIT 155 /157 and CIT 170 and Level I Programming Language | |
| Level II Web Programming Language | 3 | | | | |
| Total Semester Credit Hours | 6 | | | | |
| Total Certificate Credit Hours | 24 | | | | |

- 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 LEVEL I PROGRAMMING LANGUAGE COURSES | | | |
|---|----------|---------------------------------------|-------------|
| 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 | |
| CS 115 Introduction to Computer Programming | 3 | | |

| APPROVED LEVEL II PROGRAMMING LANGUAGE COURSES | | | |
|--|----------|--------------------|-------|
| Course | Cr. Hrs. | Prerequisites | Notes |
| CIT 238 Android Programming | 3 | CIT 149 or INF 120 | |
| CIT 249 Java II | 3 | CIT 149 | |
| CIT 271 SQL II | 3 | CIT 171 | |
| CS 215 Intro to Program Design, Abstraction, & Problem Solving | 4 | CS 115 | |