****

**Computer & Information Technologies –Informatics Programming**

**(1101013489) Credential (Certificate)**

**Program Coordinator: Don Halcomb E-mail: don.halcomb@kctcs.edu Phone: 859-246-6289**

 **Mike Hardin E-mail: mike.hardin@kctcs.edu Phone: 859-246-6619**

**Program Website:** [**https://bluegrass.kctcs.edu/education-training/program-finder/computer-information-technology.aspx**](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***

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **First Semester** | **Credits** | **Term** | **Grade** | **Prereqs/Notes** |
| CIT 120 – Computational Thinking | 3 |  |  |  |
| CIT 170 – Database Design Fundamentals | 3 |  |  | OR INF 282 Introduction to Databases |
|  |  |  |  |  |
| **Total Semester Credit Hours** | **6** |  |  |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Second Semester** | **Credits** | **Term** | **Grade** | **Prereqs/Notes** |
| Informatics Programming Level I Language: See list | 3 |  |  |  |
| **Total Semester Credit Hours** | **3** |  |  |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Third Semester** | **Credits** | **Term** | **Grade** | **Prereqs/Notes** |
| Informatics Programming Level II Language: See list | 3 - 4 |  |  |  |
| **Total Semester Credit Hours** | **3 - 4** |  |  |  |

***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:** |
| The Level I and Level II Informatics Programming languages must be taken in the same language as outlined in the approved electives list below. (Example, if you take CIT 143 – C# I, you must take CIT 243 – C# II).If students take CIT 120 and CIT 170 in the summer, it is possible for the students to complete in one academic year. |

|  |
| --- |
| **Approved Electives (if applicable)** |
| Informatics Programming Level I Language: See list |
| INF 120 | Elementary Programming (3) |
| CIT 149 | Java I (3) |
| CS 115 | Intro to Computer Programming (3) |
| CIT 142 | C++ I |
| CIT 148 | Visual Basic I |
| CIT 143 | C# I |
|  |  |
| Informatics Programming Level II Language: (NOTE: You must choose the course that matches your Level I language) |
| INF 260 | Object Oriented Programming I (3) |
| CIT 249 | Java II (3) |
| CS 215 | Intro Program Design, Instruction, and Problem Solving (3) |
| CIT 242 | C++ II |
| CIT 248 | Visual Basic II |
| CIT 243 | C# II |