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**Computer & Information Systems – Web Programming (11.0101) Certificate**

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

**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***

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| **First Semester** | **Credits** | **Term** | **Grade** | **Prereqs/Notes** |
| CIT105 – Introduction to Computers | 3 |  |  |  |
| CIT120 – Computational Thinking | 3 |  |  | Prereq: MAT085 OR MAT126 OR Higher |
| **Total Semester Credit Hours** | **6** |  |  |  |

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| **Second Semester** | **Credits** | **Term** | **Grade** | **Prereqs/Notes** |
| CIT150 – Internet Technologies | 3 |  |  |  |
| CIT155 – Web Page Development | 3 |  |  |  |
| CIT170 – Database Design Fundamentals | 3 |  |  |  |
| **Total Semester Credit Hours** | **9** |  |  |  |

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| **Third Semester** | **Credits** | **Term** | **Grade** | **Prereqs/Notes** |
| CIT157 – Web Site Design and Production | 3 |  |  |  |
| CIT171 – SQL I | 3 |  |  |  |
| Level I Web Programming Language | 3 |  |  |  |
| **Total Semester Credit Hours** | **9** |  |  |  |

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| **Fourth Semester** | **Credits** | **Term** | **Grade** | **Prereqs/Notes** |
| Level II Web Programming Language | 3 |  |  |  |
| CIT253 – Data Driven Web Pages: Topic | 3 |  |  |  |
| **Total Semester Credit Hours** | **6** |  |  |  |

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

**Advisor Name: Advisor Signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Student Name: Student Signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

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| **Special Instructions:** |
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| **Approved Electives (if applicable)** | |
| **Level I Web Programming Language Courses: See list below** | |
| CIT 141 | PHP I (3) |
| CIT 148 | Visual Basic I (3) |
| CIT 149 | Java I |
| **Level II Web Programming Language Courses: See list below** | |
| CIT 241 | PHP II (3) |
| CIT 244 | Python II (3) |
| CIT 248 | Visual Basic II (3) |
| CIT 249 | Java II (3) |
| **Level I Programming Languages** | |
| CIT 140 | JavaScript I (3) |
| CIT 141 | PHP I (3) |
| CIT 142 | C++ I (3) |
| CIT 143 | C# I (3) |
| CIT 144 | Python I (3) |
| CIT 145 | Perl I (3) |
| CIT 146 | Swift I (3) |
| CIT 147 | Programming I: Language (3) |
| CIT 148 | Visual Basic I (3) |
| CIT 149 | Java I (3) |
| CIT 171 | SQL I (3) |
| CS 115 | Introduction to Computer Programming (3) |
| INF 120 | Elementary Programming (3) |