



Computer & Information Systems – Web Programming (11.0101) Certificate

Program Coordinator: Don Halcomb

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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

| 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 | | | |

| 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 | | | |

| 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 | | | |

| 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: _____

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)