



Computer & Information Systems – Internet Technologies (Web Administration AAS (11.0101))

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			
Heritage OR Humanities Course	3			
ENG101 – Writing I	3			
MAT150 – College Algebra	3			
Total Semester Credit Hours	15			

Second Semester	Credits	Term	Grade	Prereqs/Notes
CIT111 – Computer Hardware and Software	4			
CIT150 – Internet Technologies OR CIT155 – Web Page Development OR CIT157 – Web Site Design and Production	3			Must select 2 of the following classes: CIT150, CIT155, CIT157
CIT160 – Intro to Networking Concepts OR CIT161 – Intro to Networks	4			
CIT170 – Database Design Fundamentals	3			
Approved Level I Programming Language	3			
Total Semester Credit Hours	17			

Third Semester	Credits	Term	Grade	Prereqs/Notes
CIT150 – Internet Technologies OR CIT155 – Web Page Development OR CIT157 – Web Site Design and Production	3			Must select 2 of the following classes: CIT150, CIT155, CIT157
CIT219 – Internet Protocols	3			
CIT180 – Security Fundamentals	3			
(CIT214 – Microsoft Server Configuration AND CIT215 Microsoft Server Administration) OR (CIT214 – Microsoft Server Configuration AND CIT216 – Microsoft Server Advanced Services) OR (CIT217 – UNIX/LINUX Administration AND CIT218 – UNIX/Linux Net Infrastructure)	6			
Total Semester Credit Hours	15			

Fourth Semester	Credits	Term	Grade	Prereqs/Notes
CIT255 – Web Server Administration	3			
CIT293 – CIT Employability Studies	1			
Natural Science Course	3			
Social and Behavioral Sciences Course	3			
CIT257 – Applied Internet Technologies OR CIT258 – Internet Technologies Seminar	3			
Total Semester Credit Hours	13			
Total Credential Hours	60			

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:

Approved Electives (if applicable)	
Level I Web Programming Language Courses: See list below	
CIT 141	PHP I (3)
CIT 144	Python 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)