



Computer & Information Systems – Video Game Design (11.0101)

AAS

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
CIT 105 – Introduction to Computers	3			
CIT 120 – Computational Thinking	3			
CIT 124 – Introduction to Game Development	3			
CIT 221 or IMD221 – Computer Graphics	3			
ENG 101 – Writing I	3			
Total Semester Credit Hours	15			

Second Semester	Credits	Term	Grade	Prereqs/Notes
CIT 111 – Computer Hardware and Software	4			
CIT 160 – Intro to Networking Concepts	4			
CIT 222 or IMD222 – 3D Modelling	3			
Approved Level I Programming Language	3			See list below
MAT 126 – Technical Algebra and Trigonometry	3			
Total Semester Credit Hours	17			

Third Semester	Credits	Term	Grade	Prereqs/Notes
CIT 170 – Database Design Fundamentals	3			
CIT 180 – Security Fundamentals	3			
CIT 223 or IMD223 – 3D Animation	3			
CIT 273 or IMD273 – Game Production	3			
Heritage OR Humanities Course	3			
Total Semester Credit Hours	15			

Fourth Semester	Credits	Term	Grade	Prereqs/Notes
CIT 274 or IMD274 – Seminar in Game Development	3			
CIT 293 – CIT Employability Studies	1			
Video Game Design Elective	3			
Natural Science Course	3			
Social and Behavioral Sciences Course	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:

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Course Rotation Schedule (if applicable)

CIT223 or IMD223	Fall Only
CIT273 or IMD273	Fall Only
CIT274 or IMD274	Spring Only

Approved Electives (if applicable)

CIT238	Android Programming
	Approved Level II Programming Language

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	Intro to Computer Programming (3)
INF 120	Elementary Programming (3)

Level II Programming Languages:

CIT 237	iOS Programming I (3)
CIT 238	Android Programming I (3)
CIT 241	PHP II (3)
CIT 242	C++ II (3)
CIT 243	C# II (3)
CIT 244	Python II (3)
CIT 247	Programming II: Language (3)
CIT 248	Visual Basic II (3)
CIT 249	Java II (3)
CIT 271	SQL II (3)
CS 215	Introduction to Program Design, Abstraction, and Problem Solving (4)
INF 120	Elementary Programming (3)