

**Computer and Information Technologies  
Programming  
Certificate**

**Academic Plan Code** 1101017089

**Academic Subplan Code** 1101013429

<b>Contact Information:</b> Dr. Faris Sahawneh			
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Student Name		Student ID#	
Course		Hours	Grade
Semester			
<b>Technical Courses</b>			
CIT 120 Computational Thinking		3	
Approved Level I Programming Language Course		3	
Approved Level II Programming Language Course		3	
Approved Level I, II, or III Programming Language Course		3	
<b>Total Credits</b>		<b>12</b>	
Revised Date: 9/26/2018			

*WKCTC is an equal opportunity employer and educational institution.*

KENTUCKY COMMUNITY & TECHNICAL COLLEGE SYSTEM

*All required courses are offered by WKCTC or a partner KCTCS college. Note: 25% of degree credit hours must be taken at WKCTC to meet a residency requirement. Please refer to the KCTCS catalog for a complete listing of courses.*

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Course	Hours	Grade	Semester
<b>Approved Level I Programming Language Courses</b>			
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		
University Level I Programming Languages as approved by Program Coordinator	3-4		
<b>Approved Level II Programming Language Courses</b>			
CIT 237 iOS Programming	3		
CIT 238 Android Programming	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		
University Level II Programming Languages as approved by Program Coordinator	3-4		
<b>Approved Level III Programming Language Courses</b>			
CIT 277 Programming III: Language	3		
CIT 278 Visual Basic III	3		
University Level III Programming Languages as approved by Program Coordinator	3-4		



