

## Guided Pathway

### Computer & Information Technologies Programming Certificate

Availability: Online  
Program Coordinator: Pam Bridgman

Grade of C or Better Required in All Courses

Student: \_\_\_\_\_

Student ID: \_\_\_\_\_

First Semester			Credit Hours	
	CIT	120	Computational Thinking	3
			<b>Total Semester Credit Hours</b>	<b>3</b>

Second Semester			Credit Hours	
			Approved Level I Programming Language (Suggested: CIT 141, 142, 143, 144 or 149)	3
			<b>Total Semester Credit Hours</b>	<b>3</b>

Third Semester			Credit Hours	
			Approved Level II Programming Language (Suggested: CIT 241, 242, 243, 244 or 249)	3
			Approved Level I, II or III Programming Language (140, 141, 142, 143, 144, 145, 149, 171, 241, 242, 243, 244, 249 or 271)	3
			<b>Total Semester Credit Hours</b>	<b>6</b>
			<b>Total Program Credit Hours</b>	<b>12</b>

\_\_\_\_\_  
Student Signature

\_\_\_\_\_  
Date

\_\_\_\_\_  
Advisor Signature

\_\_\_\_\_  
Date

<b>Approved Level I Programming Language Courses</b>				<b>Credit Hours</b>
	CIT	140	JavaScript I	3
	CIT	141	PHP I	3
	CIT	142	C++ I	3
	CIT	143	C#	3
	CIT	144	Python I	3
	CIT	145	Perl 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 local program coordinator	3-4
<b>Approved Level II Programming Language Courses</b>				
	CIT	241	PHP II	3
	CIT	242	C++ II	3
	CIT	243	C# II	3
	CIT	244	Python II	3
	CIT	246	2D Game Development: Language	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 local 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 local program coordinator	3-4