Plan of Study

Computer & Information Technologies - AAS
Programming Track
Software Development

Availability: Online
Program Coordinator: Pam Bridgman

Student: _____   **Student ID:** _____

First Semester				Credit Hours
	CIT	105	Introduction to Computers (1st bi-term)	3
	CIT	111	Computer Hardware & Software (2nd bi-term)	4
	CIT	120	Computational Thinking (1st bi-term)	3
	CIT	160	Intro to Networking Concepts (2nd bi-term) **OR**	4
	CIT	161	Network Fundamentals (2nd bi-term)	(4)
	MAT	150	College Algebra	3
			Total Semester Credit Hours	**17**

Second Semester				Credit Hours
	CIT	130	Productivity Software	3
	CIT	150	Internet Technologies	3
	CIT	170	Database Design Fundamentals	3
	CIT	180	Security Fundamentals	3
			Approved Level I Programming Language Course	3
			Approved Level I Programming Language Course	3
			Total Semester Credit Hours	**18**

Third Semester				Credit Hours
	CIT	253	Data-Driven Web Pages: Topic	3
	ENG	101	Writing I	3
			Approved CIT Technical Courses	6
			Approved Level II Programming Language Course	3
			Approved Level II Programming Language Course	3
			Total Semester Credit Hours	**18**

Fourth Semester				Credit Hours
	CIT	291	CIT Capstone	3
			Heritage/Humanities Course	3
			Approved Level I, II, or III Programming Language Course	3
			Natural Science Course	3
			Social/Behavioral Sciences Course	3
			Total Semester Credit Hours	**15**
			Total Program Credit Hours	**68**

_____   _____

Student Signature   **Date**

_____   _____

Advisor Signature   **Date**

Approved Level I Programming Language Courses				Credit Hours
	CIT	140	JavaScript I	3
	CIT	141	PHP I	3
	CIT	142	C++ 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
Approved Level II Programming Language Courses				
	CIT	241	PHP II	3
	CIT	242	C++ 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
Approved Level III Programming Language Courses				
	CIT	276	3D Game Development: Language	3
	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
Approved CIT Technical Courses				
			Additional CIT Courses Except CIT103 or other courses as approved by program coordinator	1-3