

## Guided Pathway

### Computer & Information Technologies – AAS Internet Technologies Track Web Programming

**Availability: Online**  
**Program Coordinator: Pam Bridgman**

**Grade of C or Better Required in All CIT Courses**

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

<b>First Semester</b>				<b>Credit Hours</b>
	CIT	105	Introduction to Computers (1 <sup>st</sup> bi-term)	3
	CIT	111	Computer Hardware & Software (2 <sup>nd</sup> bi-term)	4
	CIT	120	Computational Thinking	3
	CIT	160	Intro to Networking Concepts (2 <sup>nd</sup> bi-term)	4
	MAT	126 or higher	Technical Algebra & Trigonometry (recommend transfer students take MAT 150)	3
			<b>Total Semester Credit Hours</b>	<b>17</b>

<b>Second Semester</b>				<b>Credit Hours</b>
			Choose two of the following three courses:	
	CIT	150	Internet Technologies	3
	CIT	155	Web Page Development	3
	CIT	157	Web Site Design & Production	(3)
	CIT	170	Database Design Fundamentals	3
	CIT	180	Security Fundamentals	3
			Approved Level I Web Programming Language Course (Suggested: CIT 141, 144 or 149)	3
			<b>Total Semester Credit Hours</b>	<b>15</b>

<b>Third Semester</b>				<b>Credit Hours</b>
	CIT	171	SQL I	3
	CIT	253	Data-Driven Web Pages: Topic	3
			Approved Level I Programming Language Course (Suggested: CIT 140, 141, 143, 144 or 149)	3
			Approved Level II Web Programming Language Course (Suggested: CIT 241, 244 or 249)	3
	ENG	101	Writing I	3
			<b>Total Semester Credit Hours</b>	<b>15</b>

<b>Fourth Semester</b>				<b>Credit Hours</b>
	CIT	258	Internet Technologies Seminar	3
	CIT	293	CIT Employability Studies	1
			Heritage or Humanities Course (Suggested: HIS 105, HIS 108, HIS 109, HIS 240, ART 100, ENG 135, ENG 161, ENG 221, ENG 251, HUM 202, HUM 281, MUS 100, MUS 104, REL 130 or THA 101)	3
			Natural Sciences Course (Suggested: AST 101, BIO 112, BIO 120, BIO 135, BIO 137, GEO 130, GLY 110, GLY 125 or GLY 130)	3
			Social and Behavioral Sciences Course (Suggested: ECO 201, ECO 202, GEO 152, POL 101, PSY 110, REL 130, SOC 101 or SWK 275)	3
			<b>Total Semester Credit Hours</b>	<b>13</b>
			<b>Total Program Credit Hours</b>	<b>60</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# 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 local program coordinator	3-4
<b>Approved Level I Web Programming Language Courses</b>				
	CIT	141	PHP I	3
	CIT	144	Python I	3
	CIT	148	Visual Basic I	3
	CIT	149	Java I	3
<b>Approved Level II Web Programming Language Courses</b>				
	CIT	241	PHP II	3
	CIT	244	Python II	3
	CIT	248	Visual Basic II	3
	CIT	249	Java II	3