## **Plan of Study**

## Computer & Information Technologies – AAS Information Security Track

Availability: Online Program Coordinator: Pam Bridgman

Student:	Student ID:
Stadent.	Student ID:

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

Seco	Second Semester			Credit Hours
	CIT 150 Internet Technologies			3
	CIT	170	Database Design Fundamentals	3
	CIT	180	Security Fundamentals	3
	CIT	217	Unix/Linux Administration	3
			Approved CIT Technical Course	3
			Approved Level I Programming Language Course	3
	·			
	·		<b>Total Semester Credit Hours</b>	18

Third Semester			<b>Credit Hours</b>	
	CIT	182	Perimeter Defense	3
	CIT	184	Attacks and Exploits	3
			Approved Network Elective Course	3
			Approved Security Elective Course	3
	ENG	101	Writing I	3
			Social/Behavioral Sciences Course	3
			<b>Total Semester Credit Hours</b>	18

Fourth Semester			Credit Hours	
	CIT	291	CIT Capstone	3
			Approved CIT Technical Course	3
			Approved Network Elective Course	3
			Heritage/Humanities Course	3
			Natural Science Course	3
			The last of the la	4.5
			Total Semester Credit Hours	15
			Total Program Credit Hours	68

Student Signature	Date
Advisor Signature	 Date

App	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	2.4		
			approved by local program coordinator	3-4		
App	roved Ne	twork	Elective Courses			
	CIT	163	Small-Medium Business or ISP	4		
	CIT	164	Intro to Routing & Switching	4		
	CIT	165	Network Design & Support	4		
	CIT	210	Routing Protocols & Concepts	4		
	CIT	211	LAN Switching & Wireless	4		
	CIT	212	Accessing the WAN	4		
	CIT	213	MS Client/Server Config	3		
	CIT	214	Server Infrastructure Admin	3		
	CIT	218	UNIX/Linux Net Infrastructure	3		
	CIT	219	Internet Protocols	3		
	CIT	260	Network Hardware Installation & Troubleshooting	3		
	CIT	261	MS Active Directory Services	3		
	CIT	262	MS Network Infrastructure	3		
	CIT	264	MS Server Administration	3		
	CIT	265	MS Applications Servers	3		
	CIT	266	MS Enterprise Administration	3		
App	roved Se	curity l	Elective Courses			
	CIT	284	Computer Forensics	3		
	CIT	285	Windows OS Security	3		
	CIT	286	Unix/Linux OS Security	3		
	CIT	287	Cisco OS Security	3		
	CIT	288	Network Security	3		
App	roved CI	T Tech	unical Courses			
			Additional CIT Courses Except CIT103 or other	1-3		
			courses approved by program coordinator	1-3		