Plan of Study

Computer & Information Technologies – AAS
Information Security Track

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	3
	CIT	160	Intro to Networking Concepts (2nd bi-term) OR	4
	CIT	161	Network Fundamentals (2nd bi-term) OR	(4)
	CIT	162	Home & Small Office Fundamentals (2nd bi-term)	(4)
	MAT	126 or higher	Technical Algebra & Trigonometry (recommend transfer students take MAT 150)	3
			Total Semester Credit Hours	**17**

Second Semester				**Credit Hours**
	CIT	150	Internet Technologies OR	3
	CIT	155	Web Page Development OR	(3)
	CIT	157	Web Site Design & Production	(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
			Total Semester Credit Hours	**18**

Third Semester				Credit Hours
	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
			Total Semester Credit Hours	**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
			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 Network 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
Approved Security 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
Approved CIT Technical Courses				
			Additional CIT Courses Except CIT103 or other courses approved by program coordinator	1-3