



2017 - 2018

**Information and Technology
Concentration in Information Assurance
(Online)**

Bachelor of Science Degree

Fall Year 1		Courses	Credit Hours	
CIS 1110	Computer Operating Systems		3	15
CIS 1110L	Computer Operating Systems Lab		0	
CS 1110	Introduction to Programming		3	
ENG 1010	College Composition I		3	
MTH 1110	College Algebra I		3	
NET 1010	Networking Essentials		3	
NET 1010L	Networking Essentials Lab		0	
Spring Year 1		Courses	Credit Hours	
CIS 2210	Database Management And Design		3	15
CIS 1010	Introduction To Computer Applications		3	
ENG 1020	College Composition II		3	
ITS 1110	Introduction To Information Systems		3	
MTH 1120	College Algebra II		3	
Fall Year 2		Courses	Credit Hours	
ITS 2110	Introduction to Network Security		3	15
ITS 2110L	Introduction to Network Security Lab		0	
MNP 2010	Microsoft Windows Configuration		3	
MTH 1410	Introduction to Discrete Mathematics		3	
NET 2210	Routers And Routing		3	
NET 2210L	Routers and Routing Lab		0	
Choose 1 course from the following:				
PSY 1010	Human Relations		3	
PSY 1110	General Psychology		3	
Spring Year 2		Courses	Credit Hours	
ITS 2210	VPN Firewall		3	15
ITS 2210L	VPN Firewall		0	
ITS 2310	Linux I		3	
ITS 2310L	Linux I Lab		0	
NET 2110	Wireless Networking		3	
SPK 2010	Oral Communications		3	
WRKIT 2010	Work Experience		3	

Fall Year 3		Courses	Credit Hours	
CIS 2610	Visual Basic		3	15
ITS 3050	Security Policies and Auditing		3	
ITS 3050L	Security Policies and Auditing Lab		0	
ITS 3410	Scripting for Network Administrators		3	
ITS 3410L	Scripting for Network Administrators Lab		0	
MTH 2750	Statistical Methods		3	
SCI	Science Elective		3	
Spring Year 3		Courses	Credit Hours	
ITS 3150	Information Systems Threat Assessment		3	15
ITS 3150L	Information Systems Threat Assessment Lab		0	
ITS 3250	Securing Systems		3	
ITS 3250L	Securing Systems Lab		0	
ITS 3310	Designing for Security		3	
ITS 3310L	Designing for Security Lab		0	
ITS 4150	Firewall Concepts		3	
ITS 4250	Computer Forensics and Investigation		3	
ITS 4250L	Computer Forensics and Investigation Lab		0	
Fall Year 4		Courses	Credit Hours	
ITS 4050	Internet and Web Security		3	15
ITS 4050L	Internet and Web Security Lab		0	
ITS 4210	Access Control Authentication and PKI		3	
ITS 4210L	Access Control Authentication and PKI Lab		0	
ITS 4450	Fraud Risk Assessment Tools and Investigation		3	
ITS 4450L	Fraud Risk Assessment Tools and Investigation Lab		0	
PPM 3010	Project Management		3	
SOC 3210	Cultural Diversity		3	
Spring Year 4		Courses	Credit Hours	
ITS 3210	Legal And Ethical Issues in Information Technology		3	15
ITS 4350	Disaster Recovery		3	
ITS 4350L	Disaster Recovery Lab		0	
ITS 4550	Fraud Prevention and Deterrence		3	
ITS 4550L	Fraud Prevention and Deterrence Lab		0	
ITS 4910	Information Trends/Research and Design Project		3	
WRKIT 4010	Work Experience		3	
Program Total				120