

Gateway **S.M.A.R.T.** Plan

Computer Information Technologies Certificates

A+ Prep: 4 Total Credit Hours			
	Cr	Grade	Offered
CIT 111 Computer Hardware and Software	4		Fall/Spring
Net+: 4 Total Credit Hours			
	Cr	Grade	Offered
CIT 160 Intro to Networking Concepts	4		Fall/Spring
Security+ Prep: 3 Total Credit Hours			
	Cr	Grade	Offered
CIT 180 Security Fundamentals	3		Fall/Spring
Microsoft Network Administrator: 19 Total Credit Hours			
	Cr	Grade	Offered
CIT 160 Intro to Networking Concepts	4		Fall/Spring
CIT 213 Microsoft Client Configuration	3		Fall
CIT 214 Microsoft Server Configuration	3		Fall
CIT 215 Microsoft Server Administration	3		Spring
CIT 216 Microsoft Server Advanced Services	3		Spring
CIT 217 UNIX/Linus Administration	3		Fall/Spring
CIT Fundamentals: 23 Total Credit Hours			
	Cr	Grade	Offered
CIT 105 Introduction to Computers	3		All
CIT 111 Computer Hardware and Software	4		Fall/Spring
CIT 120 Computational Thinking	3		Fall/Spring
CIT 149 Java I (or CIT 144 Python I)	3		Fall/Spring
CIT 160 Intro to Networking Concepts	4		Fall/Spring
CIT 170 Database Design Fundamentals	3		Fall/Spring
CIT 180 Security Fundamentals	3		Fall/Spring
Mobile Apps Development: 18 Total Credit Hours			
	Cr	Grade	Offered
CIT 105 Introduction to Computers	3		All
CIT 120 Computational Thinking	3		Fall/Spring
CIT 146 Swift AND	3		Online
CIT 237 iOS Programming OR	3		Online
CIT 149 Java I AND	3		Fall/Spring
CIT 238 Android Programming I	3		Spring
Computer Tech Basic: 11 Total Credit Hours			
	Cr	Grade	Offered
CIT 105 Introduction to Computers	3		Fall/Spring
CIT 111 Computer Hardware and Software	4		Fall/Spring
CIT 160 Intro to Networking Concepts	4		Fall/Spring
Informatics Programming: 12 Credit Hours			
	Cr	Grade	Semester
CIT 120 Computational Thinking	3		Fall/Spring
CIT 149 Java I	3		Fall/Spring
CIT 170 Database Design Fundamentals	3		Fall/Spring
CIT 249 Java II	3		Fall

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Programming: 12 Total Credit Hours		Cr	Grade	Offered
CIT 120 Computational Thinking		3		Fall/Spring
CIT 149 Java I		3		Fall/Spring
CIT 171 SQL I		3		Fall
CIT 249 Java II		3		Fall

Computer Technician: 14 Total Credit Hours		Cr	Grade	Offered
CIT 105 Introduction to Computers		3		Fall/Spring
CIT 111 Computer Hardware and Software		4		Fall/Spring
CIT 160 Intro to Networking Concepts		4		Fall/Spring
CIT 180 Security Fundamentals		3		Fall/Spring

Information Security Specialist: 19 Total Credit Hours		Cr	Grade	Offered
CIT 180 Security Fundamentals		3		Fall/Spring
CIT 182 Perimeter Defense		3		Spring
CIT 184 Attacks and Exploits		3		Fall
CIT 160 Intro to Networking Concepts		4		Fall/Spring
CIT 214 Microsoft Server Configuration		3		Fall
CIT 284 Computer Forensics		3		Spring

Web Programming: 24 Total Credit Hours		Cr	Grade	Offered
CIT 120 Computational Thinking		3		Fall/Spring
CIT 149 Java I		3		Fall/Spring
CIT 150 Internet Technologies		3		Online
CIT 155 Web Page Development		3		Fall
CIT 157 Web Site Design and Production		3		Online
CIT 171 SQL I		3		Fall
CIT 249 Java II		3		Fall
CIT 253 Data Driven Web Pages: Topic		3		Spring

Microsoft Enterprise Administrator: 22 Total Credit Hours		Cr	Grade	Semester
CIT 160 Intro to Networking Concepts		4		Fall/Spring
CIT 182 Perimeter Defense		3		Spring
CIT 184 Attacks and Exploits		3		Fall
CIT 213 Microsoft Client Configuration		3		Fall
CIT 214 Microsoft Server Configuration		3		Fall
CIT 215 Microsoft Server Administration		3		Spring
CIT 216 Microsoft Server Advanced Services		3		Spring