



Scope & Sequence 2019-2020



	Fall	Spring
Grade 9	Microsoft Word/PowerPoint	Microsoft Excel Honors
Grade 10	NAF Web Design/Professional Ethics	Adobe Visual Design and CompTIA IT Fundamentals
Grade 11 Classes taught at Pine Forest	Computer Information Technology/Hardware and Software Certificate <i>This should prepare the student for A+ Certification</i>	
	CTS 120 - Hardware/Software Support	CTS 220 - Advanced Hardware/Software Support
Grade 12 Classes taught at FTCC	Option 1 - Hardware and Software Certificate	
	CTI 110 – Web, Programming, & DB Foundations NET 110 – Networking Concepts	SEC 110 – Security Concepts NOS 110 – Operating Systems Concepts
	Option 2 - Network Defense Specialist Certificate	
	NET 110 – Networking Concepts SEC 110 – Security Concepts	CCT 250 – Network Vulnerabilities I NOS 120 – Linux Single User
	Option 3 - Simulation and Game Development Certificate	
	SGD 111 – Intro to SGD SGD 114– 3D Modeling	SGD 116 – Graphic Design Tools SGD 113 – SGD Programming
	Option 4 – Python Programming Certificate	
	CTI 110 – Web Programming & DB Foundation CIS 115 – Intro to Programming & Logic	CSC 121 – Python Programming CSC 221 – Advanced Python Programming
	Option 5 – Computer Technologies Certificate	
	CTI 110 – Web, Programming & DB Foundations NET 110 – Networking Concepts	SEC 110 – Security Concepts NOS 110 – Operating Systems Concepts
Option 6 – CISCO Entry Networking Certificate		
CTI 120 – Network & Security Foundations NET 125 – Introduction to Networks	NOS 110 – Operating Systems Concepts NET 126 – Routing Basics	
Option 7 – Graphic Design Basics Certificate		
GRD 121 – Drawing Fundamentals I GRD 141 – Graphic Design	GRD 151 – Computer Design Basics GRD 152 – Computer Design Technology I	
Option 8 - 3D Animation Certificate		
SGD 114 – 3D Modeling SGD 116 – Graphic Design Tools	SGD 172 – Virtual SG Environments SGD 162 – SG 3D Animation	
Option 9 – Intro to IOS Development Using SWIFT		
CIS 115 – Intro to Programming & Logic CTI 110 – Web Programming & DB Foundations	CSC 118 – Swift Programming I CSC 218 – Swift Programming II	
Option 10 – SAS Programming (TENATIVE)		
DBA 110 – Database Concepts CSC 152 - SAS	DBA 120 – Database Programming I DBA 224 – Database Programming II	