

Computer Science Technology Master Schedule 2-Year A. A. S.

(Come to Snead State for two years, then find a rewarding career in the IT field)

Fall 1st-Year Students			
Course Type	Course Name	Format	Hours
Core	CIS 117 Database Management Software Applications	Online	3
Core	CIS 161 Introduction to Networking Communications	Online	3
Core	CIS 146 Computer Applications	Online or In-Class	3
Apple Developer Track Requirement	CIS 157 Introduction to App Development with Swift	In-Class	3
Cyber Security Track Requirement	CIS 280 Network Security	Online	3
IT Admin Track Requirement	CIS 287 SQL Server	Online	3
Academic	Math Elective (MTH 116t, MTH 100, 112, 113, or 125)	Online	3
Spring 1st-Year Students			
Core	CIS 171 Linux I	Online	3
Core	CIS 207 Web Development	Online	3
Core	CIS 269 Hardware Support	Blended	3
Apple Developer Track Requirement	CIS 220 App Development with Swift I	In-Class	3
Cyber Security Track Requirement	CIS 260 Network Security and Risk Management	Online	3
IT Admin Track Requirement			3
Academic (<i>Choose One</i>)	Science/Math Elective BIO, CHM, GEO 101, PHS, or PHY	Online or In-Class	3-4
Summer 1st-Year Students			
Core	CIS 130 Introduction to Information Systems	Online	3
Core	CIS 201 Introduction to Programming Concepts*	Online	3
Core	CIS 202 Python Programming	Online	3
Fall 2nd-Year Students			
Core	CIS 268 Software Support	Online	3
Elective	CIS 284 CIS Internship**	On-Site	3
Apple Developer Track Requirement	CIS 227 App Development with Swift II	In-Class	3
Apple Developer Track Requirement	CIS 280 Network Security	Online	3
Cyber Security Track Requirement	CIS 245 Cyber Defense	Online	3
IT Admin Track Requirement	CIS 277 Network Services Administration	Online	3
Academic	Fine Art/Humanities Elective	Online or In-Class	3
Academic	ENG 101	Online or In-Class	3
Spring 2nd-Year Students			
Core	WKO 101 Workplace Skills	Blended	1
Core	CIS 294 Special Topics	Online	3
Apple Developer Track Requirement	CIS 259 Advanced Mobile App Development	In-Class	3
Cyber Security Track Requirement	CIS 214 Security Analysis (Pen Testing)	Online	3
Cyber Security Track Requirement	CIS 282 Computer Forensics	Online	3
IT Admin Track Requirement	CIS 162 Advanced Networking	Blended	3
IT Admin Track Requirement	CIS 267 Enterprise Virtualization	Online	3
Academic	Social Science Elective	Online or In-Class	3

NOTE: Courses should be taken during the semester listed. Courses are not offered every semester.

*CIS 251 may be substituted for CIS 201 if you have future plans to obtain a Bachelor's degree.

**CIS 284 may be substituted for any 200 level course except 280

Total Hours

64 - 68

Revised

7/1/2021