

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	Hours
Core	CIS117 Database Management Software Applications	3
Core	CIS 161 Introduction to Networking Communications	3
Cyber Security Track Requirement Apple Developer Track Requirement	CIS 280 Network Security	3
Apple Developer Track Requirement IT Admin Track Requirement	CIS 157 Introduction to App Development with Swift	3
IT Admin Track Requirement	CIS 287 SQL Server	3
Academic	Fine Art/Humanities Elective	3
Academic	MTH 116t Mathematical Apps	3
Spring 1st-year Students		
Core	CIS 207 Web Development	3
Core	CIS 269 Hardware Support	3
Core	CIS 171 Linux I	3
Cyber Security Track Requirement	CIS 245 Cyber Defense	3
Apple Developer Track Requirement	CIS 220 App Development with Swift I	3
IT Admin Track Requirement	CIS 162 Advanced Networking	3
IT Admin Track Requirement	CIS 277 Network Services Administration	3
Academic (<i>Choose One</i>)	MTH 131, MTH 100, BIO, CHM, GEO 101, PHS, or PHY	3-4
Summer Semester		
Core	CIS 130 Introduction to Information Systems	3
Core	CIS 212 Visual Basic Programming	3
Core	CIS 251 C++ Programming	3
Academic	Speech or Humanities/Fine Arts Elective	3
Academic	CIS 146 Microcomputer Applications	3
Fall 2nd-year Students		
Core	CIS 268 Software Support	3
Cyber Security Track Requirement	CIS 246 Network Security	3
Cyber Security Track Requirement	CIS 214 Security Analysis (Pen Testing)	3
Apple Developer Track Requirement	CIS 227 App Development with Swift II	3
IT Admin Track Requirement	CIS 260 Network Security and Risk Management	3
Academic	ENG 101	3
Spring 2nd-year Students		
Core	CIS 294 Special Topics	3
Core	WKO 106 Workplace Skills	3
Cyber Security Track Requirement	CIS 282 Computer Forensics	3
Apple Developer Track Requirement	CIS 259 Advanced Mobile App Development	3
IT Admin Track Requirement	CIS 267 Enterprise Virtualization	3
Academic	Social Science Elective	3
Elective	CIS 284 CIS Internship (substitute for any 200 level CIS course except 280)	3

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

Total Hours

69 - 70

Revised 2/20/2018