

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 |
| 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 | Online | 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 |
| 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 | Online | 1 |
| Core | CIS 294 Special Topics | Online | 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 | Online | 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

Revised

64 - 68

2/21/2024