This Associate in Science degree program focuses on computer systems and network support.

Students who plan to pursue a bachelor's degree in Computer Information Systems or Management Information Systems at a four-year college or university should fulfill the Associate in Arts degree requirements for the chosen transfer school.
This academic plan is set up for Fall initial enrollment. Course numbers in bold indicate courses that are offered only once per year. Students in this program must work closely with a departmental advisor for proper course sequencing.

**Career Pathways Agreement Florida Panhandle Technical College**

For information regarding the Career Pathways Agreement with FPTC

For more information, please visit the Occupational Outlook Handbook website.

*While academic advisors, faculty and staff provide significant academic planning and related assistance to students, completion of all degree requirements, and the process of monitoring progress to that end, is ultimately the responsibility of the student.*

# Network Systems Technology: Server Administration

**2021-2022**

| Code | Program Length |
|---|---|
| 2181 | 60 credits |

## Entrance Requirements

This program prepares students for entry-level positions as microcomputer support specialists, help desk representatives, and network support technicians. Content includes topics and skills emphasized in various industry certifications including the CompTIA A+, Security+, and Network+, as well as various Microsoft network certifications (MTA, MTICP). Students holding valid current IT industry certifications should contact a departmental advisor about credit that may be awarded for selected courses based on such certifications.

All Associate in Science degree students must complete the required English and mathematics courses with a grade of "C" or higher.

### FRESHMAN YEAR

| 1st Semester | | Sem. Hrs. | 2nd Semester | | Sem. Hrs. |
|---|---|---|---|---|---|
| ENC 1101[1,2] | Communication Skills I | 3 | **CTS 1120** | **Intro to Network Security** | 3 |
| MAC 1105[1,2] | College Algebra | 3 | **CTS 1390** | **Intro to LAN & Server Management** | 3 |
| **CTS 1110** | **Microcomputer Operating Systems** | 3 | **CTS 1650** | **Intro to Networking & Communications** | 3 |
| **CTS 1131** | **Intro to Microcomputer Main. & Repair** | 3 | **CTS 1155** | **IT User Support** | 3 |
| COP 2000 | **Intro to Computer Programming** | 3 | XXX XXXX[2,7] | NATURAL SCIENCE CORE | 3 |
| SLS 1101 | Orientation | 1 | | | |
| **TOTAL** | | **16** | **TOTAL** | | **15** |

### SOPHOMORE YEAR

| 1st Semester | | Sem. Hrs. | 2nd Semester | | Sem. Hrs. |
|---|---|---|---|---|---|
| **CTS 1163** | **Microsoft Desktop Systems Configuration** | 3 | **GEB 2214**[4] | **Business Communications** | 3 |
| **CTS 2142** | **Project Management** | 3 | **CTS 1111** | **Intro to Linux** | 2 |
| **CTS 2391** | **Windows Server Administration** | 3 | XXX XXXX[2, 6] | SOCIAL SCIENCE CORE | 3 |
| **CTS 2392** | **Advanced Windows Server Administration** | 3 | XXX XXXX[5] | APPROVED COMPUTING ELECTIVE | 3 |
| **CIS 1352** | **Intro to Server & Network Security** | 3 | XXX XXXX[2,7] | HUMANITIES CORE | 3 |
| **TOTAL** | | **15** | **TOTAL** | | **14** |

[1] Non-credit developmental reading, writing, and/or mathematics courses may be required, depending on placement test scores.
[2] Students must complete 15 hours in General Education CORE courses.
[3] Must choose one course from the following: AST 1002, BSC 1005, BSC 2010, BSC 2085, CHM 1045, ESC 1000, EVR 1001, PHY 1053C, PHY 2048C, PSC 1121.
[4] Prerequisite: ENC 1101
[5] Suggested elective to be CGS 1100 or CTS 2939 or consent of department.
[6] Choose one of the following: AMH 2020, ECO 2013, POS 2041, PSY 2012, or SYG 1000.
[7] Choose one of the following: ARH 1000, MUL 2010, THE 1000.