

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

ACADEMIC PLAN: Associate in Science Degree

2020-2021

Network Systems Technology: Network Security

For more information
Contact:

Code **Program Length**
2182 60 credits

Student Affairs
Chipola College
(850) 718-2266

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.

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.

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.

FRESHMAN YEAR

1st Semester	Sem. Hrs.	2nd Semester	Sem. Hrs.		
ENC 1101 ^{1,2}	Communication Skills I	3	CTS 1120 ^{4,5}	Intro to Network Security	3
MAC 1105 ^{1,2}	College Algebra	3	CTS 1390 ^{4,6}	Intro to LAN & Server Management	3
CTS 1110³	Microcomputer Operating Systems	3	CTS 1650 ^{5,6}	Intro to Networking & Communications	3
CTS 1131³	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

For more information, please visit the [Occupational Outlook Handbook](#) website.

SOPHOMORE YEAR

1st Semester	Sem. Hrs.	2nd Semester	Sem. Hrs.		
CTS 1163⁴	Microsoft Desktop Systems Configuration	3	GEB 2214	Business Communications	3
CTS 2142	Project Management	3	CTS 2127 ¹⁰	Advanced Network Security	3
CTS 2391⁸	Windows Server Administration	3	CIS 2381 ¹⁰	Intro to Digital Forensics	3
CIS 1352⁹	Intro to Server & Network Security	3	CTS 1111 ⁸	Intro to Linux	2
XXX XXXX ¹¹	SOCIAL SCIENCE CORE	3	XXX XXXX ^{2,12}	HUMANITIES CORE	3
TOTAL		15	TOTAL		14

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.

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 CTS 1110 and CTS 1131 are co-requisites.
⁴ Prerequisite: CTS 1110 or equivalent certifications or consent of department.
⁵ Prerequisite: CTS 1131 or equivalent certifications or consent of department.
⁶ CTS 1390 and CTS 1650 are co-requisites.
⁷ 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.
⁸ Prerequisites: CTS 1650 and CTS 1390 or equivalent certifications or consent of department.
⁹ Prerequisite: CTS 1120 or equivalent certifications or consent of department.
¹⁰ Prerequisite: CIS 1352 or consent of department.
¹¹ Must choose one course from the following: AMH 2020, ECO 2013, POS 2041, PSY 2012, or SYG 1000.
¹² Choose one of the following: ARH 1000, MUL 2010, THE 1000.