

This Associate in Science degree program prepares students for entry-level positions as microcomputer support specialists, help desk representatives, and software application technicians.

Students who plan to pursue a bachelor's degree in Computer Science or Information Technology 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.

For more information, 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.

ACADEMIC PLAN: Associate in Science Degree

Computer Information Technology

Code 2172 **Program Length** 60 credits

Entrance Requirements

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

This program prepares students for entry-level positions as microcomputer support specialists, help desk representatives, and software application 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.

FRESHMAN YEAR

1st Semester		Sem. Hrs.	2nd Semester		Sem. Hrs.
ENC 1101 ^{1,2}	Communications Skills I	3	CTS 1390 ^{4,5}	Intro to LAN & Server Management	3
MAC 1105 ^{1,2}	College Algebra	3	CTS 1650 ^{5,6}	Intro to Networking & Communications	3
CTS 1110 ³	Microcomputer Operating Systems	3	CTS 1111 ⁷	Intro to Linux	2
CTS 1131 ³	Intro to Microcomputer Main. & Repair	3	CTS 1155	IT User Support	3
COP 2000	Intro to Computer Programming	3	XXX XXXX ^{2,8}	NATURAL SCIENCE CORE	3
SLS 1101	Orientation	1			
TOTAL		16	TOTAL		14
Summer Session					
CGS 1100 ¹⁰	Microcomputer Applications	3			
TOTAL		3			

SOPHOMORE YEAR

1st Semester		Sem. Hrs.	2nd Semester		Sem. Hrs.
CTS 1163 ⁴	Microsoft Desktop Systems Config.	3	XXX XXXX ^{2,13}	SOCIAL SCIENCE CORE	3
CTS 2142	Project Management	3	GEB 2214	Business Communications	3
CTS 2156 ¹¹	Desktop Support	3	CTS 1120 ^{4,6}	Intro to Network Security	3
COP 1700 ¹²	Intro to Database Management	3	XXX XXXX ^{2,14}	HUMANITIES CORE	3
SPC 2608	Effective Public Speaking	3			
TOTAL		15	TOTAL		12

- ¹ Non-credit developmental reading, writing, and/or math courses may also be required, depending on placement test scores. Complete the highest level course for which you are qualified.
- ² Students must complete 15 hours in General Education CORE courses.
- ³ CTS 1110 and CTS 1131 are co-requisites or consent of the department.
- ⁴ Prerequisite: CTS 1110 or equivalent certification or consent of the department.
- ⁵ CTS 1390 and CTS 1650 are co-requisites or consent of the department.
- ⁶ Prerequisite: CTS 1131 or consent of department.
- ⁷ Prerequisite: CTS 1650 and CTS 1390 or equivalent certifications or consent of department.
- ⁸ 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.
- ⁹ Approved computing electives include the following: Any CIS, COP, CTS or course approved by the program advisor.
- ¹⁰ Prerequisite: CGS 1060 or CIS 1000 or an acceptable score on the CGS 1100 Screening Exam.
- ¹¹ Prerequisite: CTS 1155 or consent of department.
- ¹² Prerequisite: CGS 1100 or CIS 1000 or consent of the department.
- ¹³ Must choose one course from the following: AMH 2020, ECO 2013, POS 2041, PSY 2012, or SYG 1000.
- ¹⁴ Choose one of the following: ARH 1000, MUL 2010, THE 1000.

2020-2021

For more information
Contact:

Student Affairs
Chipola College
(850) 718-2266

