

This Associate in Science degree program prepares students for employment as computer technicians, network engineering technicians and in related occupations in electronics or information systems technology or to provide supplemental training for persons currently or previously employed in these occupations.

Students who plan to pursue a bachelor's degree in computer or management information science at a four-year college or university should fulfill the Associate in Arts degree requirements for the chosen transfer school.

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

The courses listed on this guide are not to be construed as a contract between the student and Chipola or the University. Course requirements may change each year. You are encouraged to work closely with your advisor.

Associate in Science Degree



Computer Engineering Technology - Programming

Code
2177

Program Length
68 credits

2004-2005

For more information
Contact:

Student Services
Chipola College
(850) 718-2266



Entrance Requirements

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

FRESHMAN YEAR

Summer II		Sem. Hrs					
CIS 1000	Intro to Computing Systems	3					
1st Semester		Sem. Hrs.		2nd Semester		Sem. Hrs.	
MAC 1105 ^{1,2}	College Algebra	3	MAC 1114	Plane Trigonometry	3		
EET 1015C	Direct Current Circuits	4	EET 1025C	Alternating Current Circuits	4		
XXX XXXX	ELECTIVE	3	CGS 1263	Intro to Networking & Communications	3		
CET 1171	Intro to Microcomputer Maintenance	3	CGS 1540	Intro to Database Management	2		
COP 2000	Intro to Computer Programming	3	CET 1631	Network Cabling	1		
SLS 1101	Orientation	1	COP 2224	C++ Programming	3		
TOTAL		17	TOTAL		16		

SOPHOMORE YEAR

1st Semester		Sem. Hrs.		2nd Semester		Sem. Hrs.	
ENC 1101 ¹	Communication Skills I	4	CET 1178	Microcomputer Maintenance & Repair	3		
OST 1335	Business Communication	3	XXX XXXX ⁵	HUMANITIES	3		
CGS 1565	Microcomputer Operating Systems	3	ECO 2013	Macroeconomics	3		
OST 1582	Human Relations	3	CGS 1550	Intro to LAN Management	3		
XXX XXXX ³	SPECIALTY COURSE	3	XXX XXXX ⁴	SPECIALTY COURSE	4		
TOTAL		16	TOTAL		16		

¹ Non-credit college-prep reading, writing, and/or math courses may also be required, depending on placement test scores.

² Prerequisite: MAT 1033, depending on placement test scores and previous high school algebra classes.

³ Select one of the following: CGS 1545, COP 2800, or COP 2535.

⁴ Select four (4) hours from the following: CIS 2900, CIS 1941, or CIS 2949.

⁵ Choose from MUL 2010, MUE 1290, THE 1020, or any ARH or ART course.