



INFORMATION TECHNOLOGY

Keeping us Connected!

All IT Courses qualify as part of the YES Program

Occupational Certifications

Network Technician - Courses

COMP 1000	Introduction to Computers
CIST 1001	Computer Concepts
CIST 1130	Operating Systems Concepts
CIST 1401	Computer Networking Fundamentals

Foundations of Computer Programming - Courses

CIST 1001	Computer Concepts
CIST 1305	Program Design and Development
CIST 1401	Computer Networking Fundamentals
CIST 2371	Java Programming I

Basic Electronic Assembler - Courses

ELCR 1005	Soldering Technology
ELCR 1010	Direct Current Circuits

Choose one (1) of the following three Math courses:

MATH 1012	Foundations of Mathematics
MATH 1013	Algebraic Concepts
MATH 1111	College Algebra



706.485.9971

katherine_reid@putnam.k12.ga.us
donna_silva@putnam.k12.ga.us



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Minimum Compass Score

Reading.....	70
English.....	32
Math	26

If a student takes advantage of all of the IT and Academic courses listed, they can graduate from PCHS with not only a high school diploma, but also with multiple IT certificates as well as 29 hours of credit towards a 54 credit hour Networking Specialist Diploma or 36 hours towards a 66 credit hour Networking Specialist Associates Degree.

Networking Specialist Diploma

Core Courses	Certification Credit	Academic Credit
ENGL 1101 English Composition I		Y
MATH 1101 Math Modeling		Y
PSYC 1101 Intro to Psychology		Y

*Choose 30 hours from the Occupational list and 16 hours from the Specialization list below.

Networking Specialist Associates Degree

Core Courses	Certification Credit	Academic Credit
ENGL 1101 English Composition I		Y
MATH 1101 Math Modeling		Y
XXXX Social/Behavioral Science Elective		Y
XXXX Humanities/Fine Arts Elective		Y
XXXX General/Education Core Elective		Y

*Choose 35 hours from the Occupational list and 16 hours from the Specialization list below.

Occupational Courses*	Certification Credit	Academic Credit
COMP 1000 Intro to Computers	Y	
CIST 1001 Computer Concepts	Y	
CIST 1122 Hardware Installation and Maintenance	Y	
CIST 1130 Operating Systems Concept	Y	
CIST 1401 Computer Networking Fundamentals	Y	
CIST 1601 Information Security Fundamentals		
CIST XXXX Occupational Electives		

Specialization Courses*	MS = Microsoft C = Cisco	
CIST 2411 MS Client	CIST 2451	C Network Fundamentals
CIST 2412 MS Server Directory Services	CIST 2452	C Routing Protocols & Concepts
CIST 2413 MS Server Infrastructure	CIST 2453	C LAN Switching & Wireless
CIST 2414 MS Server Administrator	CIST 2454	C Accessing the WAN



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