



Networking Specialist

Associate of Applied Science Degree

MAJOR CODE: NS13 **REQUIRED CREDIT HOURS:** 66 **CIP Code:** 11.1001

Location(s): DeKalb/S.DeKalb/Newton/Online

Program Description: The Networking Specialist program prepares students to be efficient in the concepts, principles, and techniques required in computer information processing. The program provides knowledge, skills, and attitudes necessary to successfully connect computers and computer equipment in various locations enabling individuals to interact with each other by sharing data and information. Program Specializations are: Microsoft Windows; Unix/Linux; and Cisco.

Course Number	Course	Credit Hours	Pre/Co-Requisite(s)
ENGL 1101	Composition and Rhetoric	3	Appropriate placement test scores
MATH 11XX	College Level Mathematics	3	Appropriate arithmetic placement test score
AREA II	Social/Behavioral Science Elective	3	
AREA IV	Humanities/Fine Arts Elective	3	ENGL 1101
ELECTIVE	AREA I, II, III, or IV	3	
COMP 1000	Introduction to Computers	3	Equivalent test score
CIST 1001	Computer Concepts	4	Provisional Admission
CIST 1122	Hardware Installation and Maintenance	4	COMP1000, CIST1001, CIST1130
CIST 1130 or CIST 1135	Operating Systems Concepts OSs and Virtual/Cloud Computing	3 (4)	Provisional Admission
CIST 1210	Introduction to Oracle Databases	4	COMP1000, CIST1001
CIST 1305	Program Design and Development	3	COMP1000, CIST1001
CIST 1401	Computer Networking Fundamentals	4	Provisional Admission
CIST 1601	Information Security Fundamentals	3	COMP1000, CIST1001
CIST 2122	A+ Preparation	3	CIST 1122
CIST 2311 or CIST 2341 or CIST 2361 or CIST 2371 or CIST 2381	Visual Basic I C# Programming I C++ Programming I Java Programming I Mobile Application Development I	4	COMP1000, CIST1001, CIST1305
Choose one specialization			
Cisco Specialization			
CIST 2451	Cisco Network Fundamentals	4	COMP1000, CIST1001, CIST1401
CIST 2452	Cisco Routing Protocols and Concepts	4	CIST2451
CIST 2453	Cisco LAN Switching and Wireless	4	CIST2452
CIST 2454	Cisco Accessing the WAN	4	CIST2453
Microsoft Specialization			
CIST 2411	Microsoft® Client	4	COMP1000, CIST1001
CIST 2412	Microsoft® Server Directory Services	4	COMP1000, CIST1001
CIST 2413	Microsoft® Server Infrastructure	4	COMP1000, CIST1001, CIST1401
CIST 2414	Microsoft® Server Administrator	4	COMP1000, CIST1001
Linux Specialization			

Networking Specialist Degree

CIST 2431	Linux/UNIX Introduction	4	COMP1000, CIST1001
CIST 2432	Linux/UNIX Server	4	CIST2431
CIST 2433	Linux/UNIX Advanced Server	4	CIST1401, CIST2432
CIST 2434	Linux/UNIX Scripting	4	CIST2431
	Total	66	

Notes

- Course descriptions, and required pre/co-requisites are available in the college catalog, which can be found online at <https://www.gptc.edu/current-students/course-catalog/>
- Changes to program requirements can be made and will be properly communicated to students.

Gainful Employment Information

- Gainful employment information for this program can be found at: <https://www.gptc.edu/Networking%20Specialist/NetworkingSpecialistGE.html>

Additional Information

- As set forth in its student catalog, Georgia Piedmont Technical College does not discriminate on the basis of race, color, creed, national or ethnic origin, sex, religion, disability, age, political affiliation or belief, genetic information, veteran status, or citizenship status(except in those special circumstances permitted or mandated by law). Contact Dr. Perrin Alford, the ADA Coordinator at 404-297-0522, ext. 1231, ADA504Coordinator@gptc.edu or at the main DeKalb campus, 495 N. Indian Creek Drive, Clarkston, GA 30021, Room A-217; or Lolita Morrison, the Title IX Coordinator, at 404-297-9522, ext. 1210, TitleIXCoordinator@gptc.edu or at the main DeKalb campus, 495 N. Indian Creek Drive, Clarkson, GA 30021 Room A-157 for assistance.
- For more information about our graduation rates and other important program information, please visit our website at: <http://www.gptc.edu/wp-content/uploads/2018/02/Placement-rate-by-program.pdf>
- Georgia Piedmont Technical College is accredited by the Commission on Colleges of the Southern Association of Colleges and Schools to award Associate of Applied Science degrees, diplomas and technical certificates of credit. Contact the Commission on Colleges at 1866 Southern Lane, Decatur, Georgia 30033-4097 or call 404-679-4500 for questions about the accreditation of Georgia Piedmont Technical College. The Commission should be contacted only if there is evidence that appears to support Georgia Piedmont Technical College's significant non-compliance with Commission requirements or standards. Inquiries related to normal and ongoing College operations such as admission requirements, financial aid, programs, etc., should be addressed directly to Georgia Piedmont Technical College and not to the Commission on Colleges.