



Network Tech Certificate

Program: Computer Information Systems

Program Code:

NT

Academic Area:

Science, Technology, Engineering and Mathematics

Type:

Certificate of Achievement

CIP Code:

11.0101

Program Statement

Students will be prepared for entry-level positions in network administration, IT technical support and related fields. This program combines theoretical knowledge with hands-on practical experience. Students will gain a solid foundation in the principles of computer networking, including server management, network design, network security, implementation, and troubleshooting. Through hands-on exercises and real-world projects, students will apply their knowledge in configuring servers, routers and other network devices commonly used in industry settings.

Program Information

- Students are required to complete 7 program courses for a total of 29 credits to complete the requirements.
- This certificate is ideal for career professionals and learners with an associate degree or higher seeking to transition into the field of computer networking.
- This certificate may be completed 100% online.
- The certificate can be completed in two semesters if started in a spring semester.
- Students with CompTIA A+ or Network+ certifications can receive Credit for Prior Learning for EGR 133: Computer Configuration and Repair, and CIS 134: Networking Technologies respectively.
- Transfer credit for any CIS or CIT course must be approved by the CIS Department Chair.
- Bristol Community College is a licensed partner with CompTIA, Cisco Networking Academy, and AWS Academy. Bristol students can purchase test vouchers and prep materials at a discounted rate.

After Bristol

- This program prepares students for high-demand careers as information security professionals in various organizations.
- Most courses within this certificate program may be applied to the Networking degree program. Please speak to an advisor for details.
- Students are encouraged to sit for the A+ Certification exam.
- All courses may be applied to an Associate in Science in General Studies, STEM Transfer Studies.



Program Requirements

Course #	Title	Credits
CIS 121	Operating Systems	3
CIS 131	Windows Server Administration I	3
CIS 132	Introduction to UNIX/Linux and Shell Programming	3
CIS 134	Networking Technologies	4
CIS 160	The Microcomputer Environment	3
CIS 231	Windows Server Administration II	3
EGR 133	Computer Configuration and Repair	4
ENG 101	Composition I: College Writing	3
ENG 215	Technical Writing	3

Recommended Course Sequence - Semester 1

Course #	Title	Credits
CIS 160	The Microcomputer Environment	3
CIS 121	Operating Systems	3
CIS 131	Windows Server Administration I	3
ENG 101	Composition I: College Writing	3

Recommended Course Sequence - Semester 2

Course #	Title	Credits
ENG 215	Technical Writing	3
CIS 132	Introduction to UNIX/Linux and Shell Programming	3
CIS 134	Networking Technologies	4
CIS 231	Windows Server Administration II	3
EGR 133	Computer Configuration and Repair	4
Total credits:		29