Blue Ridge student working on networking
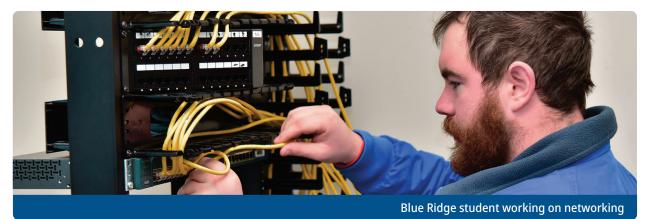
The Information Technology (IT) curriculum at **Blue Ridge Community College** prepares graduates for employment in the technology sector and with organizations that use information technology systems to process information and automate business processes. Course work is designed to develop a student's ability to create, store, communicate, exchange, and use information to solve technical issues related to information security, interactive media, network systems, software development, and information technology support and services.

Graduates should qualify for employment in entry-level positions with businesses, educational systems, and governmental agencies that rely on computer systems to design and manage information. The program incorporates the competencies of industry-recognized certification exams.

DESIGNATIONS

• CAE-Cyber Defense

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Upon completion of this program, students will:

• Resolve technical problems using information technologies and information systems.
• Create technology system solutions based on industry standards and customer requirements.
• Communicate with clarity and precision using appropriate information technology terminology and concepts.
• Develop personal and professional skills to anticipate and meet workforce expectations
• Manage computer hardware and software in support of a variety of professional environments.

An individual may also choose from a variety of shorter certificate programs to jump start a new career or enhance a current career. Within our new "Makers Space Lab", students will receive hands-on experience and skills to become a designer, tester, support technician, system administrator, developer or programmer who uses computer software and/or hardware to design, process, implement and manage information systems in areas such as database services, business intelligence, healthcare informatics, and others depending on the technical path selected.

Blue Ridge Community College is a part of the Carolina Cyber Network (CCN). The CCN's mission is to strengthen North Carolina's cybersecurity capabilities through a coordinated, work-ready talent development system connecting public and private institutions.