

Blue Ridge Community & Technical College Information Technology

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Program Summary

The Information Technology program at Blue Ridge Community and Technical College offers students opportunities to work on project-based activities that incorporate Internet research and electronic presentation skills to prepare for real-time work environments. Students gain a background in computer technology, which includes hardware, networking, web development, repair and troubleshooting, basic programming, and more. They can also pursue vendor certifications and take part in internships, gaining the credentials and hands-on learning needed to succeed in the workplace.



Strengths & Noteworthy Practices

Critical thinking is a notable strength of the program, which is heavy in math. Students solve problems using inductive and deductive reasoning; analyze the properties of linear, quadratic, polynomial, radical, rational, absolute value, piecewise, exponential, and logarithmic functions; solve equations/inequalities; generate and apply conclusions based on pattern recognition or mathematical measurement and/or scientific principles; and use rules of probability to calculate risk.

Professionalism and Responsibility is another strength. ALL students complete a Field Experience course (CGEN 292) that includes an internship alongside content such as resume preparation, interviewing, networking, and general workforce skills. Learning outcomes include the ability to describe professional behavior in a business environment, applying concepts acquired in the classroom to actual work performance, analyzing work duties and comparing and contrasting them with classroom learning, evaluating work performance in relation to professional, ethical, and academic expectations, and producing documents and role-playing skills to present oneself to potential employers professionally.