



Campus nestled in the Blue Ridge Mountains

Virginia Western Community College (VWCC) offers comprehensive cybersecurity education programs to prepare students for the rapidly growing field of cybersecurity. These programs are designed to cater to a range of needs, from students seeking to enter the workforce quickly to those aiming for more comprehensive education in cybersecurity and network administration.

VWCC offers a Cyber Security Career Studies Certificate (CSC). This certificate can be completed in one year and is perfect for those seeking to specialize further or gain specific certifications in the field. This program is structured to provide a robust foundation primarily in practical skills. Students learn about securing servers and network infrastructures, developing security infrastructures, and identifying and mitigating security threats. The CSC focuses on preparing students for roles such as Network

Analyst, Security Analyst, or Security Architect, with coursework that counts towards the AAS degree for those who wish to continue their studies.

The programs at VWCC are aligned with national standards and expectations for cybersecurity education. They are designed to give students the skills needed to secure IT infrastructure, recognize and respond to security threats, and ensure the safety of networked systems. Students in these programs also have the opportunity to prepare for and earn industry-recognized certifications, such as CompTIA Security+, A+, and Linux+, CCNA, and others through their coursework. This emphasis on certification, combined with the college's commitment to maintaining status as a National Center of Academic Excellence in Cyber Defense Education designation, underscores the quality and relevance of VWCC's cybersecurity education.

Overall, Virginia Western Community College's cybersecurity programs are designed to meet the growing demand for trained cybersecurity professionals in an evolving digital landscape. With a blend of theoretical knowledge, practical skills, and industry certifications, graduates are well-equipped to enter the cybersecurity workforce and contribute to the safety and security of information technology infrastructures.

DESIGNATIONS

- CAE-Cyber Defense

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