



Main entrance to Alamance Community College campus

Alamance Community College (ACC) is a mid-sized, two-year college located along I-40/I-85 in North Carolina. It is one of the longest-operating community colleges in NC. ACC's location and demographics have motivated it to focus on how cybersecurity intertwines with its regional employers in the sectors of healthcare services and logistics.

Because the SOC Tier 1 Analyst position can be a great segue into a broader cybersecurity career, ACC's cyber degree emphasizes the CyberOps skillsets employed within a SOC: analyzing IDS alerts, inspecting suspicious emails, examining logs, and performing packet analysis. Our instructors teach students the skills to become triage specialists who monitor, manage, and configure security tools, review alerts, and escalate certain incidents when necessary.

In industry, companies are continually expanding connectivity across their people, assets, and systems. Naturally, this enables greater performance and efficiency, but it also widens the attack surface for would-be cybercriminals. Thus, ACC's IT Department is introducing students to key concepts such as VLAN network segmentation, firewall technologies, and endpoint security.

Students also learn how to create an incident response playbook, seeing how such a document helps staff to focus on essential and specific actions, greatly reducing the chance of a stress-induced meltdown. In all of the courses, ACC is intentional in emphasizing and cultivating critical thinking and creativity.

DESIGNATIONS

- CAE-Cyber Defense

CONTACT INFORMATION

Debra McCusker
dmccusker470@alamancecc.edu

David Horgan
djhorgan682@alamancecc.edu

alamancecc.edu | alamancecc.edu/cyber



CyberSAFE Camp Participants