

Students work in TCC's Cybersecurity Hacker Space

**Tidewater Community College** of Virginia has been designated a National Center of Academic Excellence in Cyber Defense Two-Year Education (CAE-2Y) by the National Security Agency and the Department of Homeland Security.

TCC's Cybersecurity program is designed to promote higher education in Cyber Defense (CD) and prepare a growing number of cybersecurity professionals to meet the national demand for cyber defense education and to protect the national information infrastructure to reduce vulnerabilities in the Nation's networks. Since its inception, TCC's network security/cybersecurity curriculum has been aligned with national standards for cybersecurity established and maintained by National Institute for Standards and Technology (NIST) and the NSA.

Our A.A.S degree is transferable and offers students the opportunity to participate in competitions and extracurricular activities that sharpen skills and knowledge and provide networking opportunities.

TCC hosts a Hacker Space which is a full penetration testing lab designed to facilitate learning about the practical side of vulnerability assessments and penetration testing in a safe environment. The lab utilizes a virtualized platform to provide vulnerable and mis-configured hosts, domain controllers, web servers, mail servers, firewalls, web applications, and many more systems, services, and applications. Students are able to practice their offensive and defensive cybersecurity skills in a safe, isolated, sandbox environment that encourages freedom to experiment.

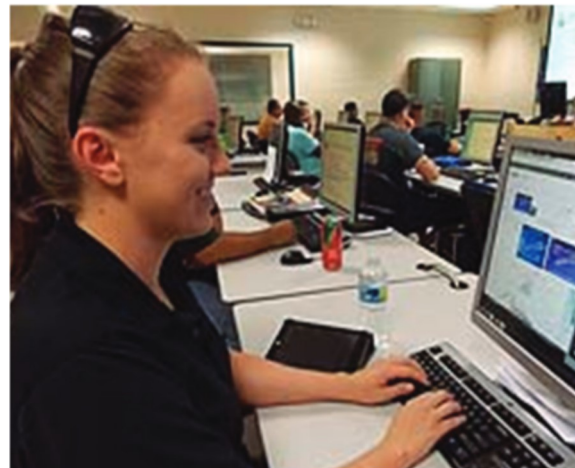
## DESIGNATIONS

- CAE - Cyber Defense 2-Year Education

## CONTACT INFORMATION

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Student Beth Quesada participates in a face-to-face class lecture