Trident Technical College, located in historic Charleston, SC, is the first technical college in South Carolina to be designated as an NCAE-CD school. Its initial designation was in 2019 for its Certificate of Applied Science–Cybersecurity program. It has since added an A.A.S. in Cybersecurity degree. Currently, the two programs have an enrollment of over 500 students.

TTC has built a successful platform for developing highly skilled, workforce ready graduates. Students participate in multiple cybersecurity competitions, including SECCDC, NCAE Cyber Games, NCL, and PCDC. Its SNAP (Security, Networking & Programming) Club allows students to collaborate on cybersecurity topics and host regular meetings with speakers from local industry.

The College participates in the SC Relentless Challenge program, where students from HBCUs work as cybersecurity interns with local businesses and compete in an annual CTF hackathon. Students also intern with the TTC's own IT department, building hands-on skills in a real-world IT environment.

TTC hosts an annual Career Day, giving students a chance to network with local employers and identify potential job opportunities. Its also participates in the annual National Cybersecurity Virtual Career Fair, so its students can connect with employers from industry, government, and academia across the country.

TTC actively supports the surrounding community through Dual-Enrollment partnerships with local high schools whose students can earn college credit while completing their high school degrees. TTC’s Charleston Regional Youth Apprenticeship program offers local high school students the opportunity to receive paid on-the-job training along with related classroom instruction at TTC at no cost. This 2-year program allows participants to seek paid apprenticeships with local businesses in a variety of careers, including Cybersecurity, while earning at least one Certificate of Applied Science degree.

TTC's CAE-CD designation has ensured its students are at the forefront of the cybersecurity industry, supporting the country's goal of preparing, growing, and sustaining a national cybersecurity workforce that safeguards and promotes America's national security and economic prosperity.