

Career and Technical Education in Maryland

- At the secondary level, CTE is delivered through comprehensive high schools; career and technology high schools that teach core academics in the context of specific career pathways; and CTE centers, which serve students from multiple sending schools and allow them to enhance their academic studies with specialized training in competitive fields.
- At the postsecondary level, CTE is offered through public community colleges, apprenticeship programs and private career colleges.
- Learn more at www.marylandpublicschools.org/programs/Pages/CTE/CTEprograms.aspx, www.mdcteprograms.org and www.acteonline.org/Maryland.

In school year 2016-2017, Maryland served **103,538** CTE high school students and **56,600** CTE postsecondary students.

In Fiscal Year 2019, Maryland received an estimated **\$17,960,928** in federal Perkins funding—almost \$1 million more than in 2018 and down from \$18.4 million in 2010, before Tech Prep was defunded.

Exemplary CTE Programs in Maryland

- At the [**Cybersecurity Networking Academy at the Applications and Research Laboratory**](#)—Howard County, Maryland’s area CTE center—students learn to analyze and mitigate cyber threats related to hardware, software, operating systems and networking through National CyberWatch Center and Cisco-certified curricula. The program incorporates opportunities for students to participate in work-based learning and earn industry certifications from Cisco and CompTIA. In addition, the Academy has forged strong connections with a postsecondary Center of Academic Excellence in cyber fields, as designated by the National Security Agency and Department of Homeland Security. Academy students have excelled in the CyberPatriot National Youth Cyber Defense Competition, established by the Air Force Association.
(Information from “CTE: The Key to Economic Development in Information Technology”)

In school year 2016-2017:

- **99** percent of Maryland CTE high school students graduated
- **77** percent met performance goals for mathematics skills and **78** percent for technical skills
- **87** percent of Maryland CTE postsecondary students met performance goals for technical skills