

Career and Technical Education (CTE) 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 2017-2018, **109,808** high school students and **57,798** postsecondary students participated in CTE in Maryland.

In Fiscal Year 2020, Maryland received an estimated **\$18,227,420** in federal Perkins funding—about \$276,194 more than in Fiscal Year 2019.

CTE Highlights in Maryland

- The Apprenticeship Maryland Program is a partnership with the Maryland Department of Labor that allows high school students to “earn while they learn.” Students in the program are assigned a highly skilled mentor, gain marketable industry skills and earn a State Skill Certificate from the Maryland Department of Labor. Of 19 participants at the Howard County Public School System Apprenticeship Maryland Academy, 13 students attend weekly classes at Independent Electrical Contractors (IEC) Chesapeake for year one of registered apprenticeship and work four days a week for electrical contractors, who pay for the students to attend IEC. Two students are working in IT and earning CompTIA Network+ and A+ certification. One student is working as an HVAC technician, and three students are working as Direct Service Providers. All students in the Howard program are receiving related instruction at no cost and may have the opportunity to enter full-time employment upon graduation.
- Working in a high-skill career is as important as other pursuits after graduation and should be celebrated. That was the message shared at Frederick County Public Schools Career Signing Day, an event sponsored by the CTE Local Advisory Council. The recognition of students and their future employers was so well received that plans are in place to make this an annual event.

Student Performance (2018)

- **99%** of secondary CTE concentrators graduated.
- **84%** of secondary CTE concentrators went on to postsecondary education, the workforce, the military or an apprenticeship.
- **86%** of postsecondary CTE concentrators met performance goals for technical skills.
- **70%** of postsecondary CTE concentrators went on to the workforce, the military or an apprenticeship.

Data from the U.S. Department of Education Office of Career, Technical and Adult Education (Perkins IV)

Labor Market Trends

- **48%** of Maryland’s labor market consists of middle-skill jobs, but only **38%** of the state’s workers are trained at the middle-skill level.
- The **top 5** industries for “good jobs” that pay a median income of \$55,000+ **without a bachelor’s degree** are office and administrative support; management; construction and extraction; sales; and installation, maintenance and repair.

Data from National Skills Coalition Middle-Skill Job Fact Sheets and the Georgetown University Center on Education and the Workforce’s Good Jobs Project