

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.acteonline.org/Maryland.

In school year 2014-2015, Maryland served **95,991** CTE high school students and **63,003** CTE postsecondary students.

In Fiscal Year 2015, Maryland received **\$15,147,766** in Perkins funding—\$142,000 less than in 2014 and almost \$3.3 million less than in 2010.

Exemplary CTE Programs in Maryland

- Career pathways and industry partnerships help the [Community College of Baltimore County \(CCBC\)](#) transform its urban community by educating and training individuals for jobs that enhance their lives and strengthen the local economy. The college has shown a commitment to student pathways and engagement by helping high school students prepare for college, as well as by equipping those who have traditionally struggled academically. CCBC launched MI-BEST (Maryland Integrated Basic Education and Skills Training), an occupational training program that allows students to earn their high school diploma while learning a trade in either building maintenance or construction. CCBC is also partnering with business and industry to expand opportunities and resources for its students. For example, Grainger, the leading supplier of facilities maintenance supplies in North America, is providing scholarships each year to CCBC students in technical education programs. *(Information from “CTE’s Role in Urban Education”)*
- Silver Spring’s [Wheaton High School Academy of Engineering \(AOE\)](#), a state-certified Project Lead the Way program, is designed for students who plan to enter into advanced careers in engineering. A rigorous program of study, beginning in the ninth grade, offers introductory engineering courses which later progress into more advanced courses providing greater specialization. Wheaton’s Biosciences Academy, another Project Lead the Way program, provides students the opportunity to pursue a number of promising pathways in programs such as biotechnology and biomedicine. Both of these academies, along with others at the school, culminate in a capstone course, which requires students to apply their coursework to real-world situations. Students work closely with industry professionals who provide mentorship opportunities before presenting their projects at the end of each academic year. *(Information from the [CTE Monthly newsletter](#))*

In school year 2014-2015:

- **99** percent of Maryland CTE high school students graduated
- **85** percent met performance goals for mathematics skills
- **80** percent met performance goals for reading/language arts skills
- **90** percent of Maryland CTE postsecondary students met performance goals for technical skills