

Career and Technical Education in Ohio

- At the secondary level, CTE is delivered through middle schools, comprehensive high schools, career academies and CTE centers in Comprehensive/Compact School Districts and Joint Vocational School Districts (JVSDs), and through community schools. JVSDs are groups of school districts that have joined to offer CTE programs and meet state and federal requirements. In most cases, the JVSDs offer programs at a central location in a specially designed CTE center, but they may offer satellite programs at member high schools. Community schools are public nonprofit, nonsectarian schools that operate independently of any school district under contract with an authorized sponsoring entity.
- At the postsecondary and adult level, CTE is delivered through community colleges, Ohio Technical Centers and the Aspire program. The technical centers provide labor market-driven, postsecondary workforce education and training services. Aspire provides services for individuals who need assistance acquiring the skills to be successful in postsecondary education and employment.
- Learn more at <http://education.ohio.gov/Topics/Career-Tech> and OhioACTE.org.

According to 2017 state data, Ohio's **1,980** CTE programs have served **73,728** CTE middle grade students, **117,105** CTE high school students and **30,747** CTE adult students earning a credential, license or technical assessment.

In Fiscal Year 2019, Ohio received an estimated **\$46,313,657** in federal Perkins funding—\$2.56 million more than in 2018 and down from \$49.2 million in 2010, before Tech Prep was defunded.

Exemplary CTE Programs in Ohio

- The Springfield-Dayton, Ohio region is investing in the UAV industry. To grow the workforce in this emerging area, the [Dayton Regional STEM Center \(DRSC\)](#) is partnering with local high schools to pilot the Modeling and Simulation: Surveillance and Response Course, which helps students develop skills in modeling and simulation using UAV interface technologies while exposing them to associated STEM careers. Activities include simulating how an unmanned aircraft monitors natural disasters and creating a mobile application that uses UAV data. DRSC is pursuing partnership with a local postsecondary institution to award dual credit, plus students are working towards industry-recognized certification for the modeling software utilized in the class. A prior course in this curriculum, the Modeling and Simulation: Survey Course, has enhanced interest in and understanding of career opportunities in modeling and simulation, according to student feedback. DRSC, which supports schools and educators with professional development, training and curriculum design for STEM teaching and learning, also offers free online K-12 curriculum and videos. (*Information from ["CTE: The Key to Economic Development in Aerospace and Defense"](#)*)

In school year 2016-2017:

- **95** percent of Ohio CTE high school students graduated
- **93** percent met performance goals for mathematics and **95** percent for reading/language arts
- **74** percent of Ohio CTE postsecondary students met performance goals for technical skills
- **76** percent of Ohio CTE adult students earned a credential, certificate or degree