

Career and Technical Education in Missouri

- At the secondary level, CTE is delivered through comprehensive high schools and area career-technical centers, which provide supplemental education and career training to high school students and adult learners within the school district.
- At the postsecondary level, CTE is delivered through the state's community colleges, one state technical college and four-year institutions that offer associate's degrees.
- Learn more at <https://dese.mo.gov/college-career-readiness/career-education> and www.acteonline.org/Missouri.

In school year 2015-2016, Missouri served **133,520** CTE high school students, **61,737** CTE postsecondary students and **2,060** CTE adult students.

In Fiscal Year 2016, Missouri received **\$21,276,343** in federal Perkins funding—about \$69,000 less than in 2015 and almost \$3.6 million less than in 2010.

Exemplary CTE Programs in Missouri

- ***Lebanon Technology and Career Center (Lebanon R-3 School District)*** has been offering students career and technical education programs for over 40 years. Lebanon is an industry-based community that supports the multiple programs of LTCC. From Machining to Automotive Technology, students are provided with hands-on learning which challenges them with critical-thinking and problem-solving skills that will further their abilities in the workplace or postsecondary education. Most LTCC programs offer dual credit or articulated credit, plus the center is developing a viable curriculum allowing each program to offer students an industry certification. LTCC appreciates the partnership with the Missouri Career Center and the local Regional Economic Development, Inc. (REDI) to offer the ACT National Career Readiness Certificate (NCRC) to students, as Laclede County strives to be an ACT Work Ready Community. LTCC is a dedicated participant of the Technology Centers That Work program, which offers teachers high-quality professional development opportunities to improve student achievement. Together the instructors and students are working to achieve high academic success and placement. *(Information from MO-ACTE)*
- ***North Kansas City High School*** is one of several in Missouri that have incorporated all three Project Lead The Way programs: Engineering, Biomedical and Computer Sciences. These programs are designed to give students real-world, hands-on investigations into STEM careers and opportunities. The PLTW teachers at North Kansas City strive to reinforce core standards with project-based learning methods. PLTW class numbers and course offerings have continued to grow steadily since PLTW was introduced in the school system more than a decade ago. PLTW was expanded a few years ago with the addition of the Gateway program in the middle schools. In addition, plans are already in place to add the elementary Launch program in the near future. NKC students have the ability to obtain dual credit through all three PLTW program pathways as well as being aligned for College Board AP preparation. *(Information from MO-ACTE)*

In school year 2015-2016:

- **96** percent of Missouri CTE high school students graduated
- **75** percent met performance goals for reading/language arts and **74** percent for technical skills
- **86** percent of Missouri CTE postsecondary students met performance goals for technical skills
- **85** percent of Missouri CTE adult students earned a credential, certificate or degree