

Career and Technical Education in Nebraska

- At the secondary level, CTE is delivered through comprehensive high schools.
- At the postsecondary level, CTE is delivered through the community college system, which has campuses located throughout the state.
- Learn more at <https://www.education.ne.gov/nce> and ACTENebraska.org.

In school year 2015-2016, Nebraska served **98,808** CTE high school students and **32,794** CTE postsecondary students.

In Fiscal Year 2016, Nebraska received **\$6,816,893** in federal Perkins funding—the same as in 2015 and \$700,000 less than in 2010.

Exemplary CTE Programs in Nebraska

- **Plattsmouth High School** has implemented a Wall-to-Wall Academies learning model, with sophomores, juniors and seniors participating in one of three academies: Business, Marketing and Management Education (BEACH); Science, Technology, Engineering, Aeronautics and Mathematics (STEAM); and Architecture/Construction, Transportation/Logistics, Environmental/Agriculture Systems, Art and Manufacturing (ATEAM). Freshmen complete inventories about their learning interests, individual strengths and career education. At the end of the student's freshman year, the student chooses the academy in which he or she would like to enroll. In addition to developing technical and employability skills in the fields of study in which each academy specializes, students receive instruction in English, technology, science, math and social sciences, geared to their individual learning styles. Through this hands-on learning approach, the school is finding students more interested and engaged in learning. *(Information from ACTEN)*
- The **Waverly High School Agricultural Education program** is known for providing students the opportunity to get their hands dirty and apply knowledge learned in core classes to developing new abilities. Instructor and FFA adviser Kris Spath, who is certified in the Curriculum for Agricultural Science Education, developed the Nursery/Landscape curriculum using a variety of sources, including the University of Nebraska 4-H Landscape Design manual and Cengage Landscape Design Principals & Practices. Facilities include a small greenhouse allowing students to learn first-hand how important pH is when monitoring a hydroponic system and raising plants in soilless media. In addition, during the fall of 2016, agriculture students installed an outdoor learning garden immediately outside the agricultural classroom. Students also learn to apply concepts from the classroom in the real world through Supervised Agricultural Experience (SAE). Project examples include students growing plants hydroponically in their home, raising bees for honey, volunteering at the Lincoln Children's Zoo and serving as a field caretaker for one of the major softball complexes in Lincoln. In 2016, four of five chapter members were named state champions in their respective areas, and members who competed in Agricultural Mechanics Repair and Maintenance Entrepreneurship advanced to the national finals in Indianapolis. The program also has a relationship with nearby Southeast Community College (SCC) through the SCC Welding Academy. Students who take the one-semester welding course offered through the Waverly Agriculture Education program are eligible to sign up for the welding academy, which offers college credit paid for by Waverly High School. Students can then be grandfathered into the SCC welding program after high school graduation. *(Information from ACTEN)*

In school year 2015-2016:

- **99** percent of Nebraska CTE high school students graduated
- **92** percent met performance goals for technical skills
- **91** percent of Nebraska CTE postsecondary students met performance goals for technical skills