

# CTE: DEVELOPING THE EDUCATION AND TRAINING WORKFORCE

## Career and technical education (CTE) supports America's education and training needs by

preparing learners to enter this critical workforce, which employs more than **8 million**<sup>1</sup> people nationwide supporting preschool through adult learners within public education and through private providers.

CTE programs in education and training develop students' technical, academic and employability skills through work-based and hands-on learning, ensuring they are prepared to enter a **high-wage, in-demand** career in areas such as teaching and training, administration and administrative support, and professional support.

This infographic describes a small sample of the career opportunities available in the education and training workforce.

## TEACHING AND TRAINING

- Schools are facing teacher **shortages**<sup>2</sup> in fields such as special education, foreign languages and CTE.
- Secondary CTE teachers earn a median annual wage of **\$63,000**<sup>3</sup>, up to more than **\$100,000**.
- Job openings for college and university instructors are growing **faster than average**<sup>4</sup>, while more than **56,000**<sup>5</sup> openings for preschool teachers are projected annually through 2032.
- State licenses, postsecondary certificates and degrees, industry certifications and apprenticeships can help individuals **get started** in teaching and training.



## ADMINISTRATION AND ADMINISTRATIVE SUPPORT

- Over **900,000**<sup>6</sup> people are employed as administrators across public and private care centers, education institutions and training providers.
- Elementary, middle and high school principals earn more than **\$100,000**<sup>7</sup> annually.
- Jobs for managers of corporate training programs are growing **faster than average**<sup>8</sup>, while more than **19,000**<sup>9</sup> openings for curriculum and instructional developers are projected each year through 2032.
- Postsecondary certificates and degrees, state licenses and industry certifications can help individuals **develop careers** in education administration.



## PROFESSIONAL SUPPORT

- School social workers, school counselors, speech-language pathologists and more provide **important support services** to students.
- School counselors and career advisors make an annual median wage of approximately **\$61,000**<sup>10</sup> up to **\$100,000** for the highest earners.
- Jobs for speech-language pathologists, who earn almost **\$90,000**<sup>11</sup> annually, are growing **much faster than average**.
- Postsecondary certificates and degrees, industry credentials and licenses can help people build **fulfilling careers** in this sub-sector.



# MORE JOBS IN THE EDUCATION AND TRAINING WORKFORCE

In addition to the careers already profiled, CTE prepares youth and adults for these further occupations in the education and training workforce:

- **assessment specialist**
- **parent liaison**
- **college dean**
- **school psychologist**
- **superintendent**
- **career development facilitator**
- **middle school teacher**
- **human resources trainer**
- **instructional media designer**
- **coach**

Students at Wade Hampton High School in Greenville, South Carolina, can take part in the Future Teacher Academy, which begins in the 10th grade with project-based learning, speakers and field trips. In 11th and 12th grades, learners take a dual-credit course through Clemson University and have the opportunity to complete a 60-hour field practicum and an additional college course.

## HOW CTE PREPARES THE EDUCATION AND TRAINING WORKFORCE

CTE programs of study and career pathways prepare secondary, postsecondary and adult learners for the education and training workforce in many ways:

- **Courses** in educational methodology, instructional technology, human growth and development and more spanning secondary and postsecondary education.
- Opportunities to earn **postsecondary certificates and degrees** in elementary and secondary education, counseling, teaching English to speakers of other languages, special education, educational leadership and more.
- Opportunities to earn state licenses as well as **industry credentials** from the National Career Development Association, American School Counselor Association, Council for Professional Recognition and National Board for Professional Teaching Standards, among others.
- **Work-based learning** experiences like job shadowing, internships and apprenticeships.
- Competitive events, service learning and leadership development through **career and technical student organizations** such as Family, Career and Community Leaders of America and SkillsUSA as well as the student group Educators Rising.
- **Activities** that build technical, academic and employability skills such as teamwork, communication and problem solving.

### Learn More

This Sector Sheet highlights just a few occupations within the education and training workforce. To learn more, please visit the U.S. Department of Labor at [www.CareerOneStop.org/ExploreCareers](http://www.CareerOneStop.org/ExploreCareers) and [MyNextMove.org](http://MyNextMove.org).



### Citations

- <sup>1</sup>Data USA. (N.d.). *Education, training & library occupations*. Retrieved from <https://datausa.io/profile/soc/education-training-library-occupations#industry>
- <sup>2</sup>National Center for Education Statistics. (N.d.). *School Pulse Panel 2021–22 and 2022–23: Staffing*. Retrieved from <https://ies.ed.gov/schoolsurvey/spp/>
- <sup>3</sup>U.S. Bureau of Labor Statistics. (2024, April). *Occupational outlook handbook: Career and technical education teachers*. Retrieved from <https://www.bls.gov/ooh/education-training-and-library/career-and-technical-education-teachers.htm#tab-5>
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- <sup>7</sup>U.S. Bureau of Labor Statistics. (2024, April). *Occupational outlook handbook: Elementary, middle and high school principals*. Retrieved from <https://www.bls.gov/ooh/management/elementary-middle-and-high-school-principals.htm>
- <sup>8</sup>U.S. Bureau of Labor Statistics. (2024, April). *Occupational outlook handbook: Training and development managers*. Retrieved from <https://www.bls.gov/ooh/management/training-and-development-managers.htm>
- <sup>9</sup>U.S. Bureau of Labor Statistics. (2024, April). *Occupational outlook handbook: Instructional coordinators*. Retrieved from <https://www.bls.gov/ooh/education-training-and-library/instructional-coordinators.htm#tab-6>
- <sup>10</sup>U.S. Bureau of Labor Statistics. (2024, April). *Occupational outlook handbook: School and career counselors and advisors*. Retrieved from <https://www.bls.gov/ooh/community-and-social-service/school-and-career-counselors.htm#tab-5>
- <sup>11</sup>U.S. Bureau of Labor Statistics. (2024, April). *Occupational outlook handbook: Speech-language pathologists*. Retrieved from <https://www.bls.gov/ooh/healthcare/speech-language-pathologists.htm>