

WHAT IS CAREER AND TECHNICAL EDUCATION?



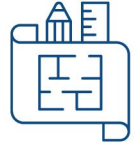
7.8 million high school students and **3.3 million** college and adult students participate in CTE, learning skills in the classroom and on the job.¹

CTE PREPARES THE WORKFORCE ACROSS A WIDE RANGE OF INDUSTRIES AND OCCUPATIONS.



Agriculture, Food & Natural Resources

Architecture & Construction



Arts, A/V Technology & Communications

Business, Marketing, & Finance



Education & Training

Energy



Health Science



Hospitality & Tourism

Human Services



Information Technology

Law & Public Service



Manufacturing

Engineering



Transportation, Distribution, & Logistics



CTE is delivered at comprehensive and CTE-dedicated high schools, magnet schools, area technical centers, community and technical colleges and some four-year universities.

CTE students earn industry certifications and licenses, postsecondary certificates, associate degrees, bachelor's degrees and higher.



CTE is good for students, good for businesses and good for communities.



CTE high school students are college and career ready – **96%** graduate high school and most enroll directly in college.²

Associate degrees in CTE fields can pay **up to \$2.8 million** in lifetime earnings - and pay more than bachelor's degrees in other fields - while limiting student debt.³



CTE is the answer to the nation's projected deficit of **6 million** skilled workers through 2032.⁴



LEARN MORE ABOUT CTE AT ACTEONLINE.ORG

¹ Perkins Collaborative Resource Network, Perkins Data Explorer, customized Consolidated Annual Report data, 2022-23.

² Perkins Collaborative Resource Network, Perkins Data Explorer, customized Consolidated Annual Report data, 2021-22; U.S. Department of Education, Office of Elementary and Secondary Education, Consolidated State Performance Report, 2010-11 through 2017-18; U.S. Department of Education, NCES, HSL:09, Base-year, 2013 Update, High School Transcript, and Second Follow-Up.

³ Carnevale, A. P., Cheah, B., & Wenzinger, E. (2021). *The college payoff: More education doesn't always mean more earnings*. Georgetown University Center on Education and the Workforce; College Board, Annual Survey of Colleges; NCES, IPEDS Fall 2021 Enrollment data and IPEDS 2022 Institutional Characteristics data.

⁴ Lightcast. (2024). *The rising storm: Building a future-ready workforce to withstand the looming labor shortage*.

¿QUÉ ES LA EDUCACIÓN TÉCNICA Y PROFESIONAL (CTE)?



7,8 millones de estudiantes de preparatoria y **3,3 millones** de estudiantes universitarios y adultos participan en programas de CTE, adquiriendo conocimientos en el aula y en el trabajo.¹

CTE CAPACITA LA MANO DE OBRA DE UNA GRAN VARIEDAD DE INDUSTRIAS Y OCUPACIONES.



Agricultura, alimentación y recursos naturales

Arquitectura y construcción



Artes, tecnología audiovisual y comunicaciones



Los programas **CTE** se imparten en escuelas preparatorias integrales o dedicadas a la CTE, escuelas magnet, centros locales de formación técnica, institutos superiores técnicos, colegios comunitarios y algunas universidades de cuatro años.

Negocios, marketing y finanzas



Los **estudiantes de CTE** obtienen certificaciones y licencias reconocidas por sectores profesionales, certificados post-secundarios, títulos de asociado, licenciaturas y títulos superiores.



Educación y capacitación

Energía



CTE es buena para los estudiantes, buena para las empresas y buena para las comunidades.

Los estudiantes de CTE en preparatoria están capacitados para la universidad y la vida profesional: el **96%** se gradúan de la preparatoria y la mayoría se matriculan directamente en la universidad.²



Ciencias de la salud

Con un título asociado de CTE se puede ganar hasta **2.8 millones** de dólares a lo largo de la vida, que también pagan más que un título de licenciatura en otras carreras y la deuda estudiantil es menor.³



CTE es la respuesta al déficit nacional de **6 millones** de trabajadores calificados que se prevé para el 2032.⁴



Hotelería y turismo

Servicios humanos



Tecnología de la información

Derecho y servicio público



Fabricación

Ingeniería



Transporte, distribución y logística



PARA MÁS INFORMACIÓN SOBRE CTE VISITE ACTEONLINE.ORG

¹ Perkins Collaborative Resource Network, Perkins Data Explorer, customized Consolidated Annual Report data, 2022-23.

² Perkins Collaborative Resource Network, Perkins Data Explorer, customized Consolidated Annual Report data, 2021-22; U.S. Department of Education, Office of Elementary and Secondary Education, Consolidated State Performance Report, 2010-11 through 2017-18; U.S. Department of Education, NCES, HSLI-09, Base-Year, 2013 Update, High School Transcript, and Second Follow-Up.

³ Carnevale, A. P., Cheah, B., & Wenzinger, E. (2021). *The college payoff: More education doesn't always mean more earnings*. Georgetown University Center on Education and the Workforce; College Board, Annual Survey of Colleges; NCES, IPEDS Fall 2021 Enrollment data and IPEDS 2022 Institutional Characteristics data.

⁴ Lightcast. (2024). *The rising storm: Building a future-ready workforce to withstand the looming labor shortage*.