

WHAT IS CAREER AND TECHNICAL EDUCATION?



92% of high school students and 69% of college and adult students are engaged in CTE, learning skills in the classroom and on the job.¹

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 6.5 million skilled workers, including infrastructure, health care and manufacturing workforce shortages.⁴

LEARN MORE ABOUT CTE AT ACTEONLINE.ORG

¹ U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics (NCES), High School Longitudinal Study of 2009 (HLS:09), Base-year, 2013 Update, and High School Transcript File; U.S. Department of Education, National Center for Education Statistics, 2015-16 National Postsecondary Student Aid Study (NPSAS:16).

² Perkins Collaborative Resource Network, Perkins Data Explorer, customized Consolidated Annual Report data; 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, HLS: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 Construction Industry Resources as cited in Ngo, M. (2021). *Skilled workers are scarce, posing a challenge for Biden's infrastructure plan*. New York Times; Korn Ferry. (2018). *Future of work: The global talent crunch*; Strack, R., Carrasco, M., Kolo, P., Nouri, N., Priddis, M., & George, R. (2021). *The future of jobs in the era of AI*; Wellener, P., Reyes, V., Ashton, H., & Moutray, C. (2021). *Creating pathways for tomorrow's workforce today*.

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



Agriculture, Food & Natural Resources

Architecture & Construction



Arts, A/V Technology & Communications

Business Management & Administration



Education & Training

Finance



Government & Public Administration

Health Science



Hospitality & Tourism

Human Services



Information Technology

Law, Public Safety, Corrections & Security



Manufacturing

Marketing



Science, Technology, Engineering & Mathematics (STEM)

Transportation, Distribution & Logistics



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



El **92%** de los estudiantes de preparatoria y el **69%** de los estudiantes universitarios y adultos participan en cursos CTE, aprendiendo habilidades en el la escuela y en el trabajo.¹

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.

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

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

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 de **6.5 millones** de trabajadores que se prevé en el país, incluyendo la escasez de mano de obra calificada en infraestructura, sanidad y manufactura.⁴

PARA MÁS INFORMACIÓN SOBRE CTE VISITE ACTEONLINE.ORG

¹ U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics (NCES), High School Longitudinal Study of 2009 (HLS:09), Base-year, 2013 Update, and High School Transcript File; U.S. Department of Education, National Center for Education Statistics, 2015-16 National Postsecondary Student Aid Study (NPSAS:16).

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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

Administración de empresas



Educación y capacitación

Finanzas



Gobierno y administración pública

Ciencias de la salud



Hotelería y turismo

Servicios humanos



Tecnología de la información

Derecho, seguridad pública, servicios penitenciarios y vigilancia



Fabricación

Marketing



Ciencia, tecnología, ingeniería y matemáticas (STEM)

Transporte, distribución y logística

