

CTE WORKS!

Career and technical education (CTE) engages students and prepares them with the skills they need for fulfilling careers in vital, in-demand industries and occupations.

CTE is associated with higher levels of student engagement¹ and higher rates of high school completion.² In fact, the **average high school graduation rate for CTE concentrators** – students who take multiple courses in one CTE program area – is **96%**³ compared to the national rate of 85%.⁴



CTE WORKS FOR HIGH SCHOOL STUDENTS

CTE has statistically significant positive impacts on students' **academic achievement**, **employability skills** and **college readiness**.⁵

High school CTE concentrators are **more likely** than non-concentrators **to be employed full time and have higher median annual earnings** 8 years after graduation.⁶



Postsecondary CTE programs lead to careers in high-demand occupations. About **77% of employers from in-demand industries report hiring an employee because of knowledge and skills gained from their CTE experience**.⁷

CTE WORKS FOR THE NATION

CTE IS GOOD FOR **STUDENTS**, GOOD FOR **BUSINESSES** AND GOOD FOR **COMMUNITIES!**

Despite millions of job openings around the country, **74% of employers report a persistent mismatch** between the skills they need and the skills workers have.¹⁰

The United States is facing a **projected deficit of 6 million skilled workers** by 2032.¹¹ Some key industries and occupations facing talent shortages include:

- Health care
- Construction
- Utilities
- Durable manufacturing

CTE WORKS FOR POSTSECONDARY AND ADULT STUDENTS

An increasing number of job postings ask for short-term credentials: **about 1/3 of postings in 2022**.⁸

Associate degree holders in CTE fields like architecture and engineering, health practitioner, skilled trade and computer occupations can **earn more than \$2 million over their lifetimes, up to \$2.8 million** – the same as the median lifetime earnings for workers with bachelor's degrees.⁹

CTE generates **billions of dollars** for state economies and local businesses.¹²



CTE WORKS!

Citations

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- ¹¹ Lightcast. (2024). *The rising storm: Building a future-ready workforce to withstand the looming labor shortage*. Retrieved from https://www.datocms-assets.com/62658/1726526804-the_rising_storm_lightcast_final.pdf
- ¹² ACTE. (2023, January). *Investing in CTE yields big returns*. Retrieved from <https://www.acteonline.org/why-cte/what-is-cte/basic-facts/>

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¡CTE FUNCIONA!

La educación técnica y profesional (CTE) involucra y prepara a los estudiantes con las habilidades necesarias para lograr una carrera exitosa en industrias vitales de alta demanda.

CTE está relacionada con altos niveles de compromiso estudiantil¹ y elevadas tasas de finalización de preparatoria.² De hecho, la **tasa de graduación de preparatoria de estudiantes enfocados en CTE** (estudiantes que han tomado múltiples cursos en un área de CTE) **es de 96%**³ en comparación con la tasa nacional de 85%.⁴



CTE tiene un impacto positivo y estadísticamente significativo en el **rendimiento académico de los estudiantes y su nivel de preparación para la universidad y el mundo laboral.**⁵

CTE FUNCIONA PARA LOS ESTUDIANTES DE PREPARATORIA

Los estudiantes de preparatoria con concentración en CTE tienen una **mayor probabilidad de ser empleados a tiempo completo** que aquellos estudiantes que no tienen concentración en CTE **y su media de ingresos anuales es más alta** 8 años después de graduación.⁶

Los programas CTE de estudios postsecundarios conducen a carreras profesionales en puestos de alta demanda. Alrededor del **77% de empleadores en industrias de alta demanda reportan contratar a un trabajador por sus conocimientos y habilidades adquiridas a través de CTE.**⁷

Cada vez más ofertas de empleo piden credenciales de corto plazo: **alrededor de 1/3 de las ofertas de trabajo en 2022.**⁸

Con un título asociado en campos de CTE como arquitectura, ingeniería, profesional de la salud, comercio especializado y ocupaciones informáticas se puede ganar **más de 2 millones de dólares a lo largo de la vida, hasta 2,8 millones de dólares**, lo mismo que la media de ingresos de por vida de trabajadores con títulos de licenciatura.⁹

CTE FUNCIONA PARA LA NACIÓN

A pesar de millones de vacantes a lo largo del país, el **74% de empleadores reportan una brecha persistente** entre las competencias que buscan y las que poseen los trabajadores.¹⁰

Los Estados Unidos enfrenta un **déficit previsto de 6 millones de trabajadores calificados** para el año 2032.¹¹ Las industrias y ocupaciones enfrentando escasez de talento incluyen:

- Medicina y salud
- Construcción
- Servicios públicos
- Fabricación de bienes duraderos

La CTE genera **miles de millones de dólares** para las economías estatales y las empresas locales.¹²

¡CTE ES BUENA
PARA **ESTUDIANTES**,
BUENA PARA
EMPRESAS
Y BUENA PARA
LAS COMUNIDADES!

CTE FUNCIONA PARA ESTUDIANTES DE POSTSECUNDARIA Y ADULTOS



ICTE FUNCIONA!

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