

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 reduced rates of dropout.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 concentrators are slightly **more likely** than non-concentrators **to enroll in post-secondary education** and are **just as likely to earn a degree or certificate**.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 IS GOOD FOR **STUDENTS**,
GOOD FOR **BUSINESSES**
AND GOOD FOR **COMMUNITIES!**

CTE WORKS FOR POSTSECONDARY AND ADULT STUDENTS

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.⁸

Adults who earn short-term credentials through integrated basic skills and technical training programs are **more likely to enroll** in postsecondary education.⁹

CTE WORKS FOR THE NATION

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 6.5 million skilled workers** by 2030.¹¹ Some key industries and occupations facing talent shortages include:

- Health care¹²
- Manufacturing¹³
- Infrastructure¹⁴
- Operations and logistics¹⁵
- Information technology¹⁶
- Education¹⁷

A majority of U.S. workers, both employed and unemployed, report seeking additional career development or reskilling opportunities.¹⁸ And **more than half of Americans** looking to develop job skills **prefer CTE-related programs and credentials**.¹⁹



CTE WORKS!

Citations

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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 reducción de la tasa de abandono escolar.² De hecho, la **tasa de graduación de preparatoria de estudiantes con concentración 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 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

Con un título asociado en carreras de CTE como arquitectura, ingeniería, profesional de la salud, oficio 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.⁸

Los estudiantes con concentración en CTE son un poco **más probables de inscribirse en educación postsecundaria** que aquellos estudiantes que no tienen concentración en CTE **y tienen la misma probabilidad de obtener un título o certificado.**⁵

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 6.5 millones de trabajadores calificados** para el año 2030.¹¹ Las industrias y ocupaciones enfrentando escasez de talento incluyen:

- Asistencia sanitaria¹²
- Fabricación¹³
- Infraestructura¹⁴
- Operaciones y logística¹⁵
- Tecnología de la información¹⁶
- Educación¹⁷

La mayoría de los trabajadores estadounidenses, tanto empleados como desempleados, afirman estar buscando oportunidades de desarrollo profesional o reciclaje profesional.¹⁸ Y **más de la mitad de los estadounidenses** que buscan desarrollar sus habilidades laborales **prefieren programas y credenciales relacionados con CTE.**¹⁹

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

CTE FUNCIONA PARA ESTUDIANTES DE POSTSECUNDARIA Y ADULTOS

Adultos que obtienen credenciales a través de programas integrados de competencias básicas y formación técnica tienen **más probabilidades de matricularse en estudios postsecundarios.**⁹



ICTE FUNCIONA!

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