

CAREER & TECHNICAL EDUCATION INDIANA



5 quick facts about INDIANA CTE



ENROLLMENT

Over a quarter of a million Indiana students enrolled in at least 1 funded CTE course this school year, continuing strong enrollment growth in the last several years.



CTE CONCENTRATORS

45% of the 2023-2024 cohort (38,821 students) achieved concentrator status by completing the first 3 courses in a CTE program of study.



POSTSECONDARY CREDIT

A third of concentrators (nearly 13,000 students) earned 9 or more dual credits in their CTE pathway, allowing them to make progress towards or earn valuable postsecondary credentials while in high school.



WORK-BASED LEARNING

8,133 concentrators participated in a work-based learning experience (75+ hours) aligned to their CTE pathway of study, providing real-world experience for students to develop skills in a career area of interest.



CREDENTIALS OF VALUE

20% of concentrators earned a credential in high school, either a graduation qualifying industry certification or a postsecondary certificate or degree, giving them valuable currency to begin their career journey.

CTE in INDIANA

Indiana's **CTE** programs of study prepare students for high-skill, in-demand careers in fields such as **advanced manufacturing, digital technology, healthcare, and agriculture**. Participation in CTE has never been higher and priority **student outcomes continue to grow** as students, families, employers, and other stakeholders increasingly value the real-world experiences provided through CTE that directly connect education to career.

Progress Made

The recently redesigned secondary CTE programs of study ensure greater consistency, quality, and intentionality within CTE programming. Hoosier high school students have **70 available programs of study** to choose from with opportunities to earn **dual credits, industry certifications, and postsecondary credentials**.

These opportunities, along with hands-on training and work-based learning experiences provided through CTE, put students on a path to employment in **high-wage, in-demand careers**.

Future Plans

Indiana is a national leader in CTE dual credit attainment and is focused on converting those credits to credentials, supporting the Commission's work in increasing Indiana's overall credential attainment rate.

As the CTE team looks to better connect its efforts to Indiana's workforce and talent needs, it plans to build out and grow programs such as **Smart Manufacturing - Industry 4.0, Biotechnology, Industrial Automation and Robotics, and Cybersecurity**.

To learn more about CTE in Indiana, visit
LearnMoreIndiana.org/cte



LearnMoreIndiana.org

CTE

Programs of Study

Advanced Manufacturing

- Biotechnology
- Design Technology
- Electronics and Computer Technology
- Engineering
- Industry 4.0 - Smart Manufacturing
- Industrial Automation and Robotics
- Industrial Technical Maintenance - Electrical
- Industrial Technical Maintenance - Mechanical
- Precision Machining
- Welding Technology

Agriculture

- Ag Mechanical and Engineering
- Agriscience - Plants or Animals
- Horticulture
- Landscaping
- Precision Agriculture
- Veterinary Science
- Water Systems

Arts, Entertainment, & Design

- Digital Design
- Fashion and Textiles
- Interior Design
- Radio and Television

Business Management

- Business Administration
- Business Operations and Technology

Construction

- Building and Facilities Maintenance
- Civil Construction
- Construction Trades - Carpentry
- Construction Trades - Electrical
- Heating, Ventilation and Air Conditioning (HVAC)
- Heavy Equipment Operator
- Plumbing and Pipefitting

Digital Technology

- Computer Science
- Cybersecurity
- Cybersecurity and Information Assurance
- Information Technology Operations
- Networking
- Software Development

Education

- Early Childhood
- Education Professions

Energy & Natural Resources

- Energy Technology
- Natural Resources

Financial Services

- Accounting
- Finance and Investment
- Insurance

Health & Human Services

- Biomedical Sciences and Technology
- Central Service Technician/ Surgical Technician
- Cosmetology and Barbering
- Dental Careers
- Exercise Science
- Human and Social Services
- Pharmacy
- Pre-Nursing/ Healthcare Specialist
- Social and Community Services

Hospitality, Events, & Tourism

- Culinary Arts
- Hospitality Management
- Nutrition Science

Marketing, Sales, & Entrepreneurship

- Entrepreneurship
- Marketing and Sales

Public Service & Safety

- Criminal Justice
- Fire and Rescue
- Paralegal

Supply Chain & Transportation

- Automotive Services
- Automotive Collision Repair
- Aviation Maintenance
- Aviation Management
- Commercial Driver
- Diesel Services
- Supply Chain and Logistics

