

CTE Update

Blurring the Lines Between Education and Workforce

Career and Technical Education Team

Commission for Higher Education

November 9, 2023

1816

“CTE is a vitally important part of our education, training and economic development system here in Indiana. It is a pleasure for the CTE team to join the Commission in implementing our broader goals centered around the college-going rate for both youth and adults, postsecondary degree completion and graduate retention.”

Commissioner Chris Lowery



INDIANA COMMISSION FOR
HIGHER EDUCATION

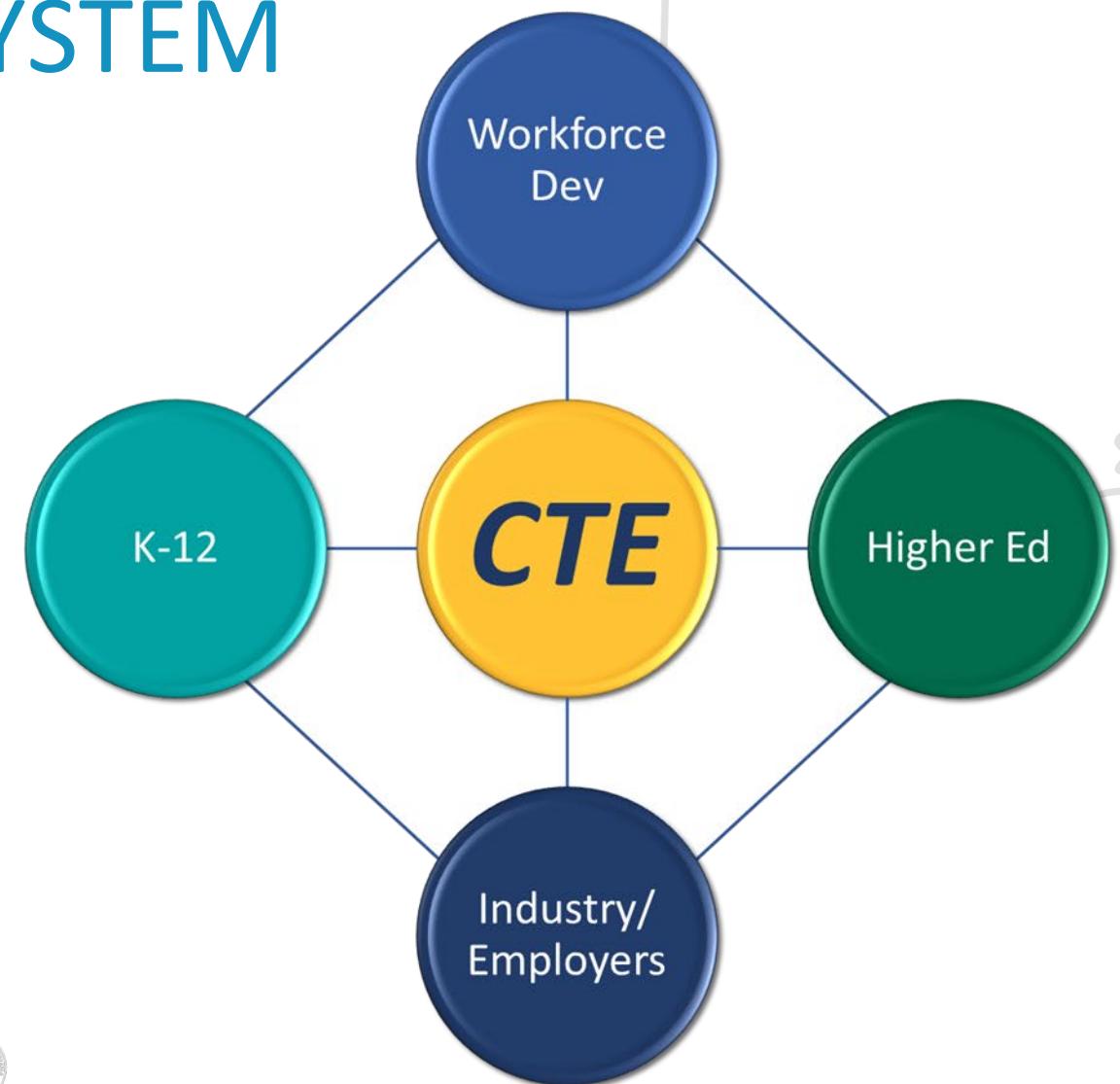
WHAT IS CTE?

- ▶ An educational model that combines academic and technical skills with the knowledge and training needed to succeed in today's labor market
- ▶ Focuses on teaching knowledge and skills in a real-world, applied context
- ▶ Commonly offered through high schools, career centers, and community colleges
- ▶ Prepares individuals for future education or starting a career in high-wage, high-skill, and in-demand career fields

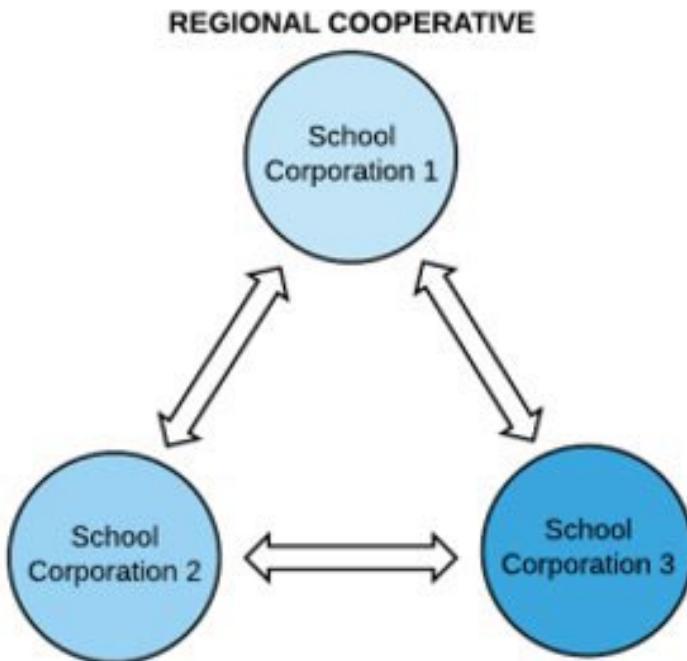


TALENT DEVELOPMENT SYSTEM

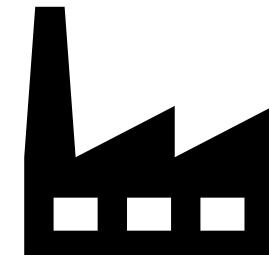
- ▶ **CTE serves as the bridge**
- ▶ **Agency collaboration**
 - ▶ Department of Education
 - ▶ Department of Workforce Development
- ▶ **External partnerships**
 - ▶ Ivy Tech, Vincennes, other postsecondary institutions
 - ▶ Intermediaries (i.e. Workforce Boards, Ascend)
 - ▶ The Indiana Chamber/Institute for Workforce Excellence
 - ▶ Industry Organizations (i.e. Conexus, TechPoint)



HOW IS CTE DELIVERED?



**Postsecondary
Dual Enrollment**



**Employer Led
Joint Programs of
CTE**



The Four Keys to Unlock Career Success

These four identified strategies are opportunity multipliers for students nationwide.



Dual Enrollment

Earn college credit during high school



Work-based Learning

Gain early exposure to real world experience



Workforce Credentials

Develop a competitive edge for your career



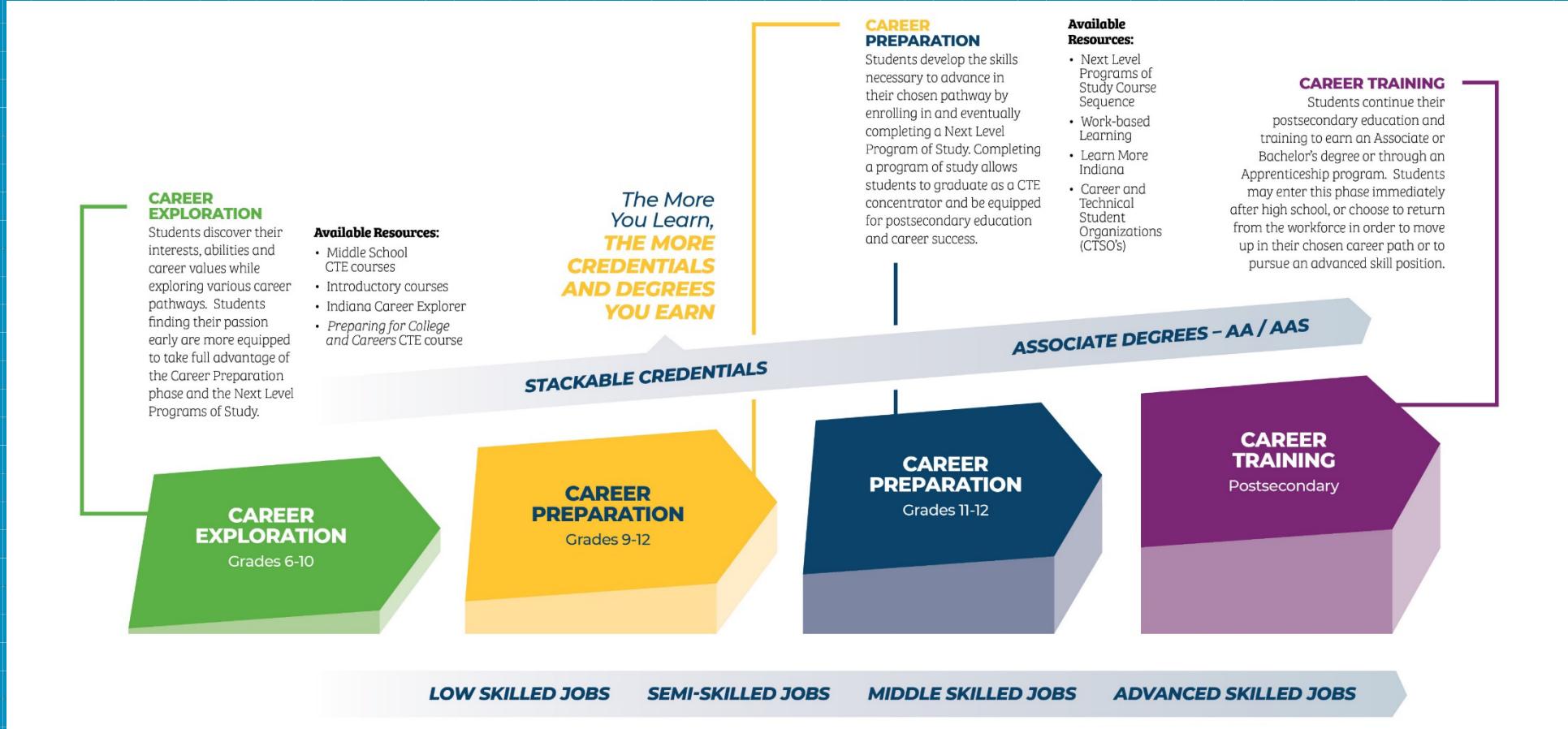
Career Advising and Navigation

Make informed decisions about life after high school

CTE STAFF

Tony Harl – State Director for Career and Technical Education	
Grant Administration and Monitoring	Programming
Laura Tucker , Director for CTE Grants Administration and Monitoring	Sam Rourke , Director for CTE Outreach and Implementation
Kathleen Ash , CTE Grants Administration Manager	Jennifer Larsen , CTE Program Manager
Data and Accountability	
Chris Deaton , Director for CTE Performance and Accountability	Lindsay Osos , CTE Program Manager
Jedd Vance , Sr. InTERS Specialist	Charles Snodgrass , CTE Program Manager

CAREER PATHWAYS/PROGRAMS OF STUDY



NEXT LEVEL PROGRAMS OF STUDY

Welding Technology Program of Study

CTE Concentrator
Principles of Welding
Shielded Metal Arc
Welding
Gas Welding Processes
Industry Certification
AWS D1.1
AWS Sense Entry Level
Early Postsecondary Opportunities
Dual Credit/Dual
Enrollment through Ivy
Tech Community College
and Vincennes University
Work-Based Learning
Embedded WBL
CTSO Competitive Events
Skills USA

Certificate

CT Structural Welding
TC Welding
Technology
Ivy Tech Community
College

CG Welding
Technology
Vincennes University

May be completed
while still in high school.

Associates

A.A.S. Industrial
Technology
Ivy Tech Community
College

A.S.CT Welding
Technology
Vincennes University

Bachelors+

Manufacturing Engineer
Mechanical Engineer
Purdue University

High School Diploma

Entry Level Welder
\$38080

Certificate

Welding Fabricator
\$41080

Associates

Welding Supervisor
Welding Inspector
\$56900

Bachelors

Engineer
\$68120

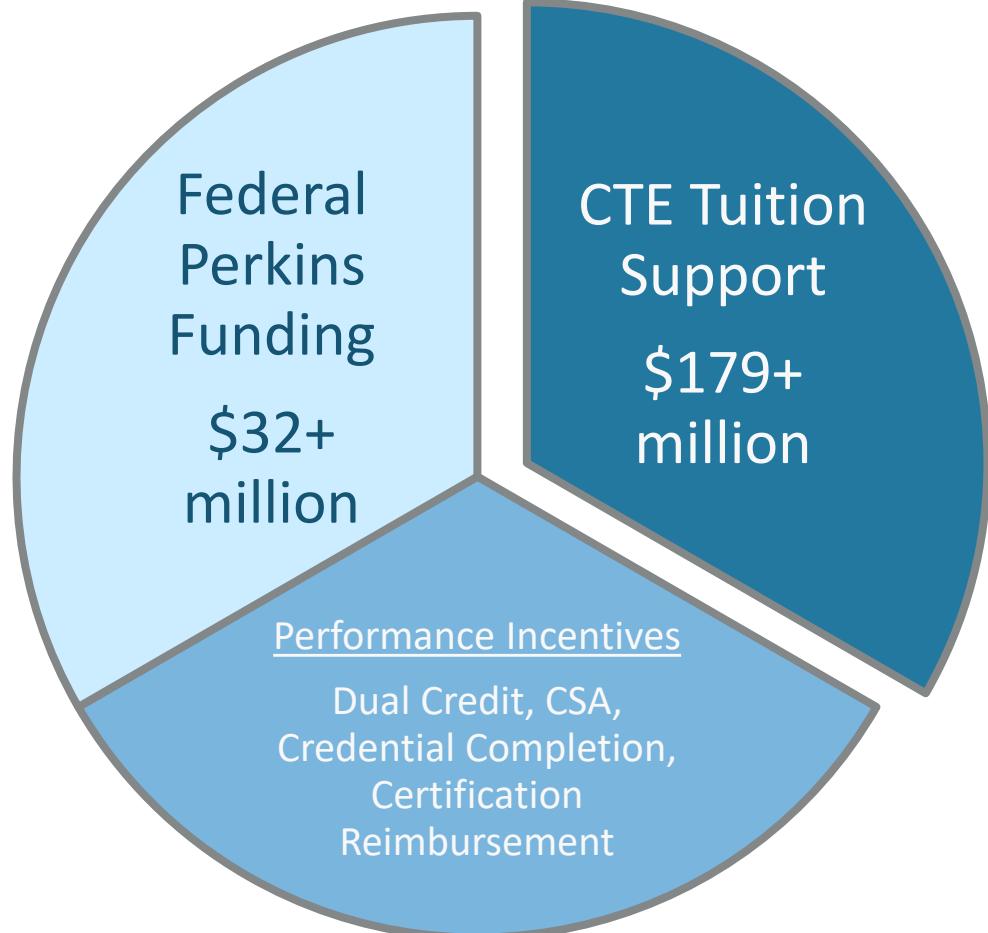
SAMPLE OF CTE PROGRAMS OF STUDY

SKILLED TRADES/TECHNICIAN	2-YR	4-YR
Automotive Technician	Aviation Management	Business Mgmt. /Administration
Carpenter	Dental Hygienist	Computer Science
Diesel Technician	Hospitality Management	Criminal Justice
Early Childhood Caretaker	IT Helpdesk	Elementary/Secondary Teacher
Maintenance Technician	Software Developer	Engineering
Welder		Registered Nurse
		Social Worker

INDIANA'S INVESTMENT

Perkins

- ▶ \$1.2M Admin
- ▶ \$3.2M Leadership
- ▶ \$26M Basic Distribution
 - ▶ Secondary 65%
 - ▶ Postsecondary 35%



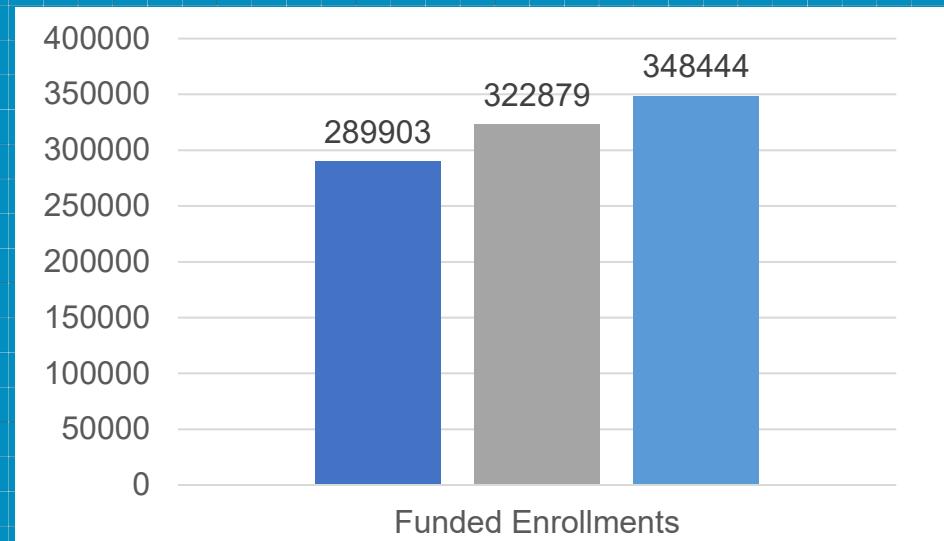
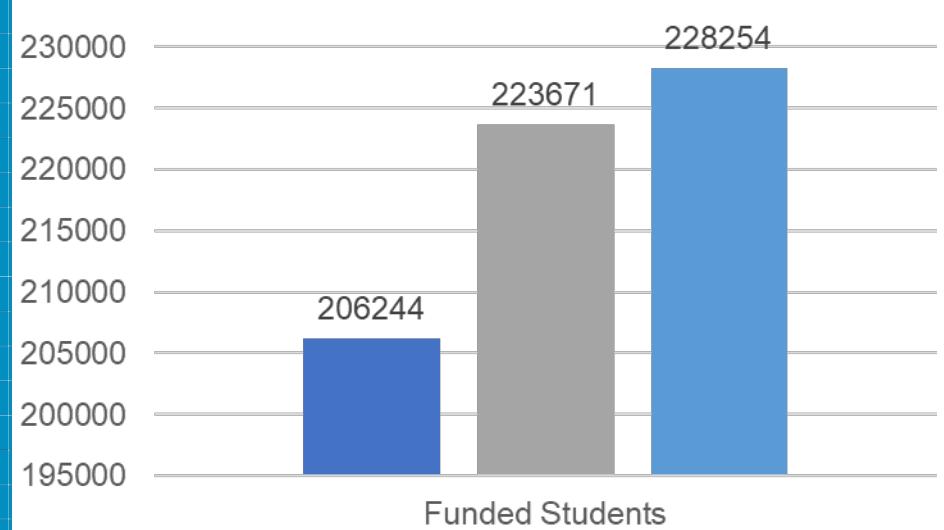
CTE Course Enrollment Funding

- ▶ High \$714 / \$1021
- ▶ Moderate \$400 / \$600
- ▶ Less than \$200 / \$300

GROWING INTEREST IN CTE

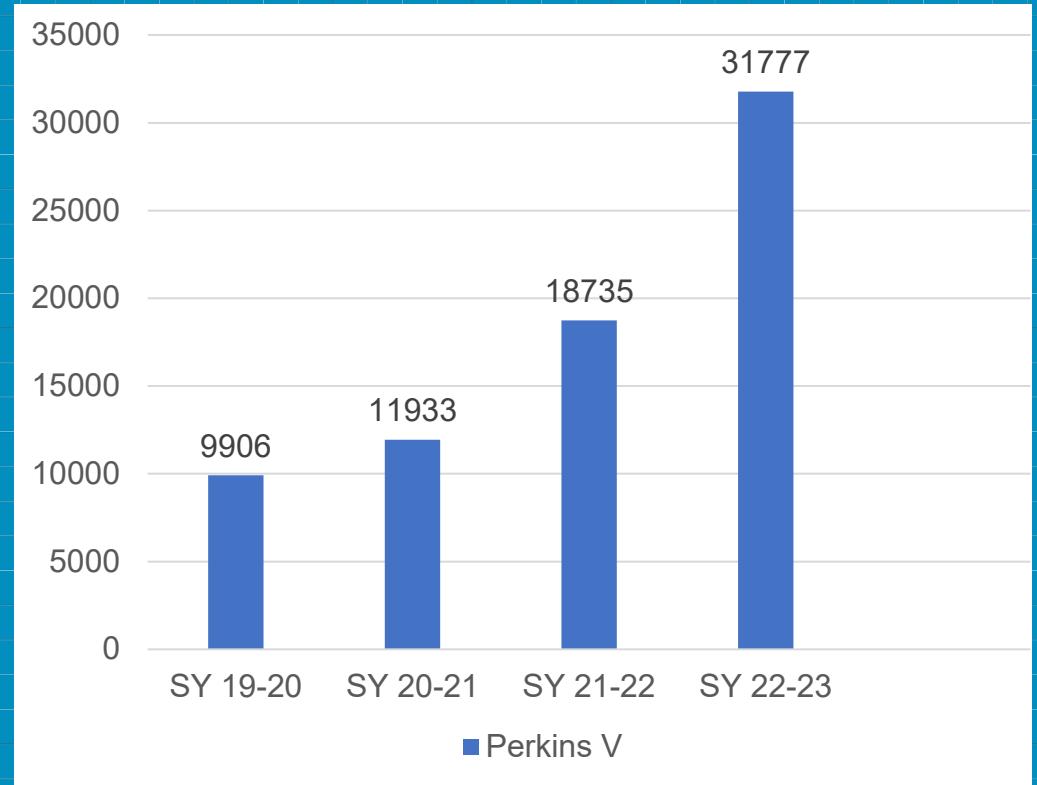
Record Enrollments in CTE last year

- 228,254 students enrolled in at least one course, 348,444 total funded enrollments
- Represents nearly 60% of high school students in Indiana for a single school year



CTE CONCENTRATORS

- Requirements changed in 19-20
- 31,777 met new requirements (Perkins V) during SY22-23
- Exceeds previous high mark of 28,000



PROGRAM QUALITY PERFORMANCE

81.73%

Post Program Placement

- Concentrator that is employed, enrolled and/or enlisted 2 quarters after graduation

26.19%

Credential Attainment

- Concentrators that have earned Industry Certifications or Postsecondary Certificates and Degrees

38.53%

Postsecondary Dual Credits

- Concentrators that have earned 9 or more dual credits

23.06%

Work-Based Learning

- Concentrators that have completed 75+ hours of WBL

POSTSECONDARY CTE

- ▶ Ivy Tech and Vincennes are the eligible postsecondary Perkins recipients
 - ▶ Postsecondary entities receive 35% of Indiana's Perkins allocation
- ▶ Postsecondary partners were an essential component of redesigning the secondary CTE programs
 - ▶ Almost all NLPS are directly aligned to a Technical Certificate (30 credits) at ITCC or a Certificate of Graduation at VU.
- ▶ ITCC, VU, and other 4-year partners have made a significant number of CTE courses available for Dual Credit



VINCENNES
UNIVERSITY
www.vinu.edu

STRATEGIC PLANNING

- ▶ Developing a strategic plan for Indiana CTE
- ▶ Strategic plan will influence the Perkins state plan due in May 2024
- ▶ Gathering feedback from stakeholders over the next couple of months
- ▶ Forming an advisory council to help review the feedback and to establish priorities and goals
- ▶ Draft of state plan ready in March of 2024 to allow time for public comment

Questions

