



PERRY CENTRAL JR. /SR. HIGH SCHOOL
PATHWAYS TO WORK BASED LEARNING

PERRY CENTRAL JR. /SR. HIGH SCHOOL

Perry Central Community Schools:

- K-12 Rural School in County/Nestled in Hoosier National Forest
- 580 students grades 7-12 (20% do not live in our district)
- 96% White
- 43% Free and Reduced Lunch

Small School - BIG Opportunities:

- Early College High School - ICC
- 14 Career Pathways - aligned to Ivy Tech/Next Level Programs
- U.S. Department of Labor Apprenticeship Training Plan
- Enterprise High School Programs
- Over 60% senior class = meaningful internships



WORKPLACE CHALLENGES/PROJECT-BASED LEARNING

- Brain-Co Neuromaker Challenge → 3rd in Nation
- Innovate WithIN → 3 teams competed in the top 30
- Electric Vehicle
- Container Cabin Project



Enterprise - Commodore Manufacturing

- Student-Led Manufacturing Facility
- Vendor for local companies:
 - Waupaca Foundry
 - EVI
 - Jasper Engines
- Students earn money while in school
- Next Level Programs Adv. Mfg. Pathway
- DWD SEAL (State Earn and Learn)





State Earn AND Learn

Indiana Office of
WORK-BASED
Learning
and Apprenticeship

With Perry Central High School

Advanced Manufacturing I

Certifications:

OSHA 10

Work-Based Learning:

Commodore Manufacturing
(Paid)

360 RI/OJT - School Year

240 RI/OJT - Summer

GRADE 11

Paid Summer Internship - OJL 240

Advanced Manufacturing II



Certifications:

MSSC Safety

Work-Based Learning:
Commodore Manufacturing
(Paid)

360 RI/OJT - School Year

GRADE 12

Senior Work Based Learning
Experience

GRAD



Certifications:

U.S. DOL Apprenticeship - after 5th Year
22 dual credits towards ITCC Technical
Certificate in Industrial Mechanical
Technology

Work-Based Learning
Summer Waupaca Foundry

**Total: 800 Total hours of On-the-Job
Training and Related Instruction**

COURSES AT SCHOOL

9th Grade

Principles of Adv. Manufacturing
(ADMF 101)

WBL - Manufacturing Night

10th Grade

Advanced Manufacturing
Technology (ADMF 102, INDT 113)

WBL - Job Shadowing/Field Trips



11th Grade

Industrial Mechanical Fundamentals -
INDT 114, MTTC 101

Student Success - IVY 113

WBL - Commodore Manufacturing

12th Grade

- Work-Based Learning - Internship
- Quantitative Math (MATH 123)
- Honors English 12 (ENG 101)
- Speech (COM 101)

Want to learn more? Visit www.inwbl.com



Perry Central Community Schools/ Waupaca Foundry
DOL Approved Apprenticeship
Industrial Manufacturing Technician



9th Grade	Intro to Adv. Manufacturing ADMF 101/OSHA 10	Summer CM - 240 hours	240 x \$10 hour - \$2,400
10th Grade	Advanced Manufacturing I ADMF 102	Summer CM - 240 hours	240 x \$10 hour - \$2,400
11th Grade	Advanced Manufacturing II	Summer CM (240)/ School CM (360)	240 x \$10 hour - \$2,400 + school stipend
12th Grade	Pre-Apprentice (Internship)/CM	Summer @ Waupaca 320 hours	320 x \$19.00 hour - \$6,640 + school stipend
			Total Hours - 1,400 + 264 classroom = 1,664 hours
Waupaca	Apply to Waupaca	1,576 hours (Approx. 10 months)	1,576 hours x \$ = 20.75 \$32,702 + benefits
			3,000 hours = National Apprentice Certificate

Apprenticeship Hours needed: 3,000

264 Hours Classroom/ 2,736 Work Hours

Industrial Manufacturing Technician - U.S. DOL Approved

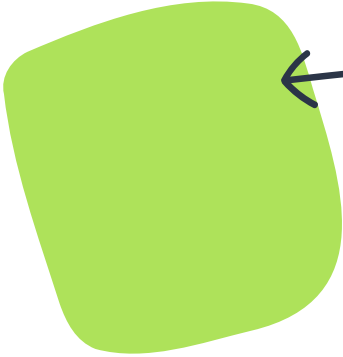


COMMODORE MANUFACTURING

Work Process Standards:

- Operate production equipment
- Interpret technical information
- Measure & Inspect
- Demonstrate routine equipment maintenance
- Demonstration knowledge of inventory & materials
- Continuous Improvement
- Set-Up Production Equipment
- And MORE





NEXT STEPS

State Earn & Learn/Apprenticeship Space





State Earn AND Learn

Indiana Office of
WORK BASED
Learning
and Apprenticeship

With Perry Central High School

Elem. Edu 1

Certifications:

First Aid
CPR

Work-Based Learning

Elementary School 9 wk Rotation
Kindergarten, 2nd Grade, 4th Grade, Middle School
Related Arts

GRADE 11

IVY TECH
EDUC 101, EDUC 121

Elem. Edu 2



Certifications:

Child Development
Associate (CDA) or Para Prof.

Work-Based Learning

Rotation -Classroom Assistants/
Custodian/Special Needs/Technology
(paid)

GRADE 12

IVY TECH
EDUC 230, EDUC 233

GRAD



Certifications:

3 Industry-Recognized Certifications
ITCC Technical Certificate in Education

Work-Based Learning
Summer Daycare Work
Perry Child Care

COURSES AT SCHOOL

9th Grade

- Preparing for College and Careers
- Principles of Teaching (EDUC 101)

10th Grade

- Child & Adolescent Development (EDUC 121)



11th Grade

- The Exceptional Child (EDUC 230)
- Speech (COM 101)
- AP Biology (BIO 101)
- AP US History (HIST 101,102)

12th Grade

- Education Professions Capstone
- Literacy Development (EDUC 233)
- AP Literature (ENG 206)
- Quantitative Math (MATH 123)
- Economics (ECON 101)

Want to learn more? Visit www.inwbl.com

Pilot Education Apprenticeship - Office of Work Based Learning & Apprenticeship

GOAL TO EXPAND:

- Construction Technology SEAL
- Health Sciences - CNA SEAL
- Diesel Technology SEAL
- Additive Manufacturing





CTE Update

June 17, 2021

CLNA Requirements

- **Each eligible recipient must conduct local needs assessment. Updated every two years.**
- **A description of the results of the CLNA must be included in each eligible recipient's local application.**
- **Funds must be used to develop, coordinate, implement, or improve CTE programs to meet the needs identified in the Comprehensive Needs assessment.**

Elements

- **Labor Market Alignment**
- **Size, Scope, and Quality of Programs of Study**
- **Progress Towards Implementing Programs of Study**
- **Student Performance**
- **Improving Access and Equity**
- **Recruitment, Retention and Training of Staff**

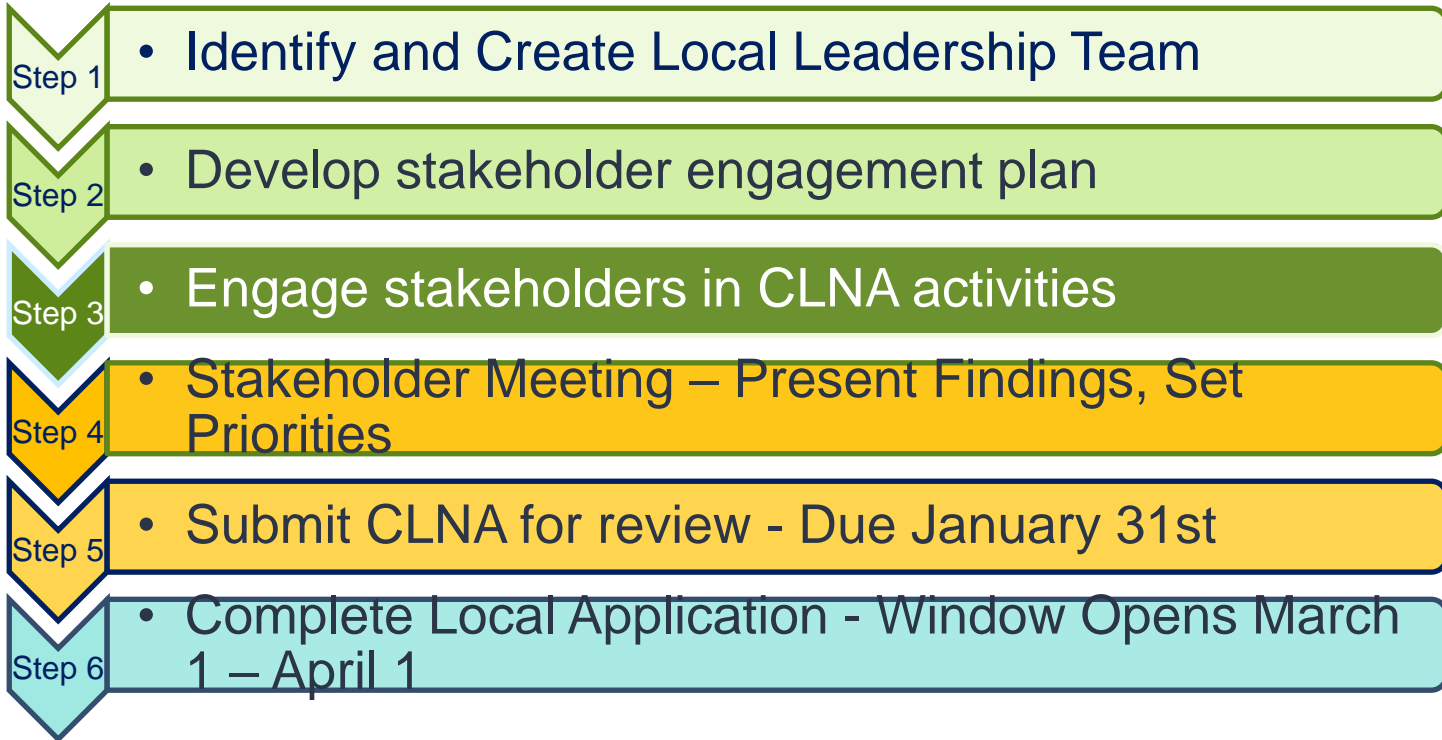
CLNA Vision

The CLNA process should provide an opportunity to:

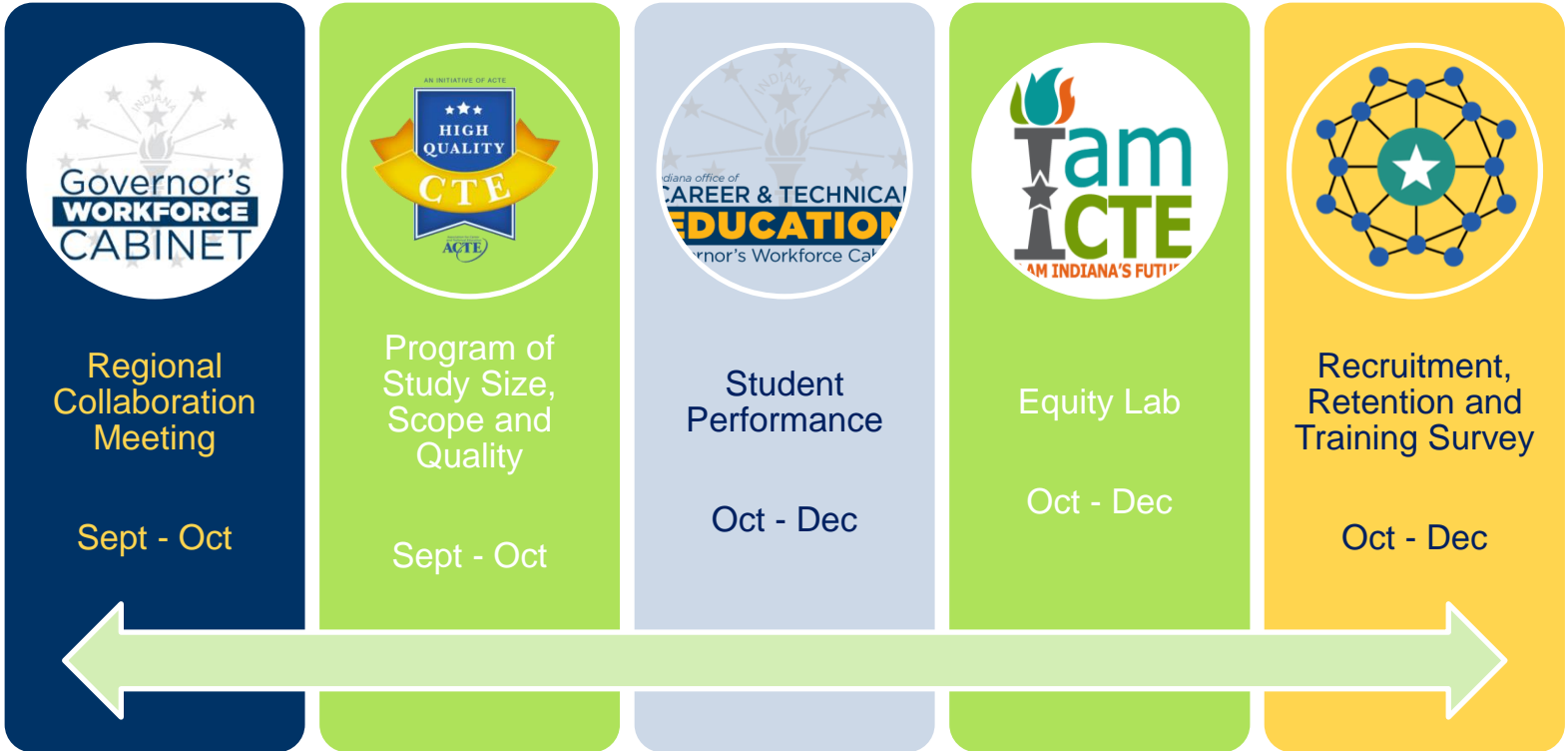
- **Achieve Indiana's vision for CTE and the goals of the Perkins V State Plan.**
- **Develop CTE programs that ensure access and success for each learner that lead to high wage, high skill, and in-demand career paths.**
- **Ensure NLPS are implemented and aligned to local workforce and economic priorities.**
- **Help Local Recipients set strategic short- and long-term goals and priorities to grow and improve their CTE programs.**
- **Engage with stakeholders to focus on the quality and impact of**

CTE programs

CLNA Process



Step 3 - Element Activities



Regional
Collaboration
Meeting

Sept - Oct



Program of
Study Size,
Scope and
Quality

Sept - Oct



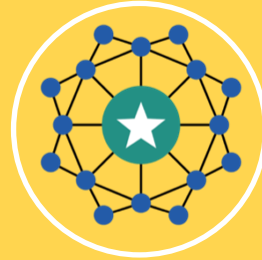
Student
Performance

Oct - Dec



Equity Lab

Oct - Dec



Recruitment,
Retention and
Training Survey

Oct - Dec



Step 3 - Element Activities

Complete the activity and then complete the element summary worksheet:

Focus Question: To what degree are student groups taking part in CTE at disproportionate levels in comparison to overall student population

Current State

Evidence

Root Causes

Focus Question: Do any discrepancies exist between the demographics of students enrolled in high value, mod value and less than moderate value programs of study?

Current State

Evidence

Root Causes

Recommended Goals/Desired State

Rating

1. Significant gaps and/or multiple gaps exist
2. Some gaps exist
3. Very few gaps exist
4. No gaps exist

Potential Strategies/Activities

Equity Lab Pilot

- **The Indiana Office of CTE in collaboration with Indianapolis Public Schools, EmployIndy and New Skills Ready Network will pilot a regional CTE Equity Lab.**
- **Equity Labs, first developed in Ohio, utilize a team of local stakeholders to analyze data from both state and local entities to ensure that all students have meaningful access and the opportunity to succeed in high quality CTE programs.**

Equity Lab Pilot Logistics

- **Will be held at the Indiana Government Center South Building on July 12, 2021 from 8:00 am – 4:00 pm.**
- **The activities will be facilitated by Office of CTE staff.**
- **Ivy Tech and two other secondary CTE districts will be invited.**

Equity Lab Pilot Benefits

- **IPS will be able to use the goals and plans developed during this “pilot” to complete the Comprehensive Local Needs Assessment and the Local Application for Perkins V.**
- **The Office of CTE will have the opportunity to gather valuable feedback before scaling equity labs to all CTE Districts this fall.**
- **IPS and EmployIndy will be able to utilize the data, goals, and plans to help further the work that is being done through NSRN to improve career pathways for students.**

What's Next with NLPS...

- **How do we best support those schools and districts that are implementing this year?**
- **What is needed to best support full implementation in the upcoming school years?**

What's Next with NLPS...

- **Finalize
Capstone
Courses &
Complete
Remaining
pathways**

Remaining Pathways Under Development

Natural Resources	Vet Careers	Building and Facilities Maintenance
Building and Facilities Management	Heavy Equipment	Fashion and Textile Design
Dental Careers	Physical Therapy	Sport and Human Performance/Athletic Training
Barbering	Cosmetology	Architectural Drafting and Design
Electronics	Computer Science	Aviation Maintenance
Recreational and Mobile Equipment	Tractor Trailer Operations	

What's Next with NLPS...

- Complete alignment of Industry Certifications

Advanced Manufacturing Technology	
Career Cluster	Advanced Manufacturing
Program of Study	Industrial Automation and Robotics
NLPS Sequence	Concentrator A
Course Code	7103
Course Description	<i>Advanced Manufacturing Technology introduces manufacturing processes and practices used in manufacturing environments. The course also covers key electrical principles, including current, voltage, resistance, power, inductance, capacitance, and transformers, along with basic mechanical and fluid power principles. Topics include, types of production, production materials, machining and tooling, manufacturing planning, production control, and product distribution will be covered. Students will be expected to understand the product life cycle from conception through distribution. This course also focuses on technologies used in production processes. Basic power systems, energy transfer systems, machine operation and control will be explored. This course will use lecture, lab, online simulation and programming to prepare students for Certified Production Technician Testing through Manufacturing Skill Standards Council (MSSC).</i>
Prereq(s)/Co-Req(s)	Principles of Advanced Manufacturing
Credits	Credits: 2 semester course, 2 semesters required, 1 credit per semester, 2 credits maximum
Counts Toward	Counts as a directed elective or elective for all diplomas
Additional Notes	
Postsecondary Course Alignment	ITCC: ADMF 102, INDT 113 VU: CIMT 100, CIMT 100L, CIMT 160, CIMT 160L
Postsecondary Credential	TC Automation and Robotics Technology (15.0613)
Liberal Arts/Sciences Requirements	ITCC: MATH 122 Applied Technical Mathematics; IVYT 113 Student Success in Technology
Promoted Certifications	MSSC Certified Production Tech

Indicates *Promoted Certifications* students can obtain
e.g. MSSC Certified Production Tech

What's Next with NLPS...

- **Provide In-Depth Technical Assistance and Support**
 - **Early adopter Q and A sessions**
 - **School counselor training**
 - **Career advising/career development program**
 - **Specific pathway training for instructors**
 - **Program monitoring and support**



Questions
