# Preparing for PORTS Site Reindustrialization Workforce Ready: Trade Training Capacity Across Southern Ohio. A Survey Report of Labor Union Training Centers

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## **Executive Summary**

This report presents a comprehensive overview of eight trade training centers operating across southern and southeastern Ohio. These centers serve as critical workforce development hubs for high-demand industries such as construction, utilities, energy, and industrial maintenance. The survey highlights each center's geographic reach, training programs, wages and benefits, institutional partnerships, and capacity to meet growing regional workforce needs.

All centers surveyed have a significant presence within the Ohio Valley Regional Development Commission (OVRDC) region, covering 12 counties: Adams, Brown, Clermont, Fayette, Gallia, Highland, Jackson, Lawrence, Pike, Ross, Scioto, and Vinton (Figure 1). Some centers, such as Boilermakers Local 105, serve a broader geography, reaching 35 counties in Ohio, while others focus on targeted service areas aligned with specific branches of trade.

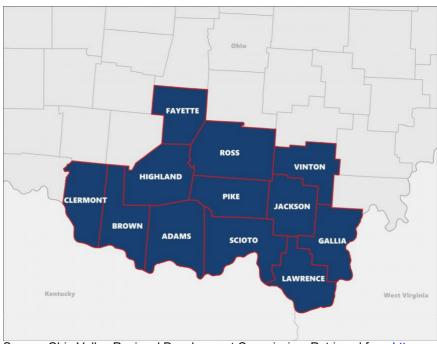


Figure 1: OVRSDC region's map

<u>Source:</u> Ohio Valley Regional Development Commission. Retrieved from https://www.ovrdc.org/about

The centers offer training across a wide range of skilled trades, including carpentry, welding, pipe fitting, plumbing, electrical work, heavy equipment operation, nuclear facility mainte-nance, and iron work. Total compensation - including wages and benefits - across trades are competitive, with total compensation packages ranging from \$46.81/hour for Limited Energy Technicians to \$73.88/hour for Boilermakers. Most programs include OSHA certifications, first aid, CPR, and trade-specific safety credentials.

Annual graduation rates vary widely. Appalachian Career Empowerment (ACE) leads in

scale, expecting 240 graduates annually. Other centers operate below capacity. For example, Boilermakers Local 105 has the infrastructure to train 340 students annually, but currently graduates 15 annually due to demand level. Most programs demonstrate the potential for scaled growth and, based upon need, have the ability to expand to full capacity.

Most of the training centers maintain formal partnerships with community colleges and universities, allowing apprentices to earn college credit toward associate degrees. Notable examples include ACE's affiliation with Sinclair College, and Shawnee State, as well as The Indiana/Kentucky/Ohio Regional Council of Carpenters' (IKORCC) integration with Ivy Tech, through which all graduates earn a tuition-free two-year degree in Construction Management.

In addition to core trade skills, many centers offer specialized certifications, such as Radiological Control Technician, HAZWOPER, Infection Control Risk Assessment (ICRA), and GPS-based construction systems. These programs enhance employability and support industry-specific compliance and safety standards.

## 1 Participating training centers

There are eight training centers participated in this survey (Table 1).

**Table 1: Participating Training Centers** 

Training Center	Address	Website
Appalachian Career Empower-	3930 US-23, Piketon, OH	www.acetrainingprogram.com
ment (ACE)	45661	
Boilermakers Local 105	4575 State Route 220,	www.boilermakers105.com
	Piketon, OH 45661	
Indiana/Kentucky/Ohio Re-	574 Carpenters Way,	www.ikorcc.com
gional Council of Carpenters	Grayson, KY 41143	
(IKORCC) Training Center –		
Grayson Campus		
Iron Workers Local Union 172	2867 S High St Columbus	www.ironworkers172.com
Joint Apprenticeship Training	Ohio 43207	
Committee (JATC)		
Ohio Laborers Training Center	25721 Coshocton Rd,	www.oltc.org
	Howard, OH 43028	
Ohio Operating Engineers Ap-	30410 Strawn Rd, Logan,	www.local18training.com
prenticeship & Training, District	OH 43138	
3 Logan Center		
Plumbers and Pipefitters Local	1236 Gallia St,	www.ualocal577.org
577 Joint Apprenticeship and	Portsmouth, OH 45662	
Training Committee (JATC)		
Electrical Training Academy	24 Gingersnap Road	electricaltrainingacademy.org
	Portsmouth, OH 45662	

## 2 Service area coverage

The training centers that participated in this survey primarily serve southern and southeastern Ohio (Table 2), with strong overlap in the 12-county region covered by the Ohio Val-ley Regional Development Commission (OVRDC). The OVRDC region includes the following counties: Adams, Brown, Clermont, Fayette, Gallia, Highland, Jackson, Lawrence, Pike, Ross, Scioto, and Vinton.

 Appalachian Career Empowerment (ACE) currently serves five counties in Ohio: Jackson, Pickaway, Pike, Ross, and Scioto. Four of those fall within the OVRDC region. The center have plans to expand training throughout central Appalachia, including counties in Kentucky and West Virginia

- Boilermakers Local 105 has the largest footprint among the centers, serving 35 counties, including all counties within the OVRDC region: Adams, Brown, Clermont, Fayette, Gallia, Highland, Jackson, Lawrence, Pike, Ross, Scioto, and Vinton.
- IKORCC Training Center Grayson Campus serves 12 Ohio counties, 10 of which are in the OVRDC region: Adams, Fayette, Gallia, Highland, Jackson, Lawrence, Pike, Ross, Scioto, and Vinton.
- Iron Workers Local 172 JATC serves 25 counties in Ohio, including many OVRDC counties such as Fayette, Highland, Jackson, Pike, Ross, and Vinton.
- Ohio Laborers Training Center operates in 11 counties, including 9 within the OVRDC region: Adams, Gallia, Highland, Jackson, Lawrence, Pike, Ross, Scioto, and Vinton.
- Ohio Operating Engineers Logan Center serves 23 counties, with significant over-lap in OVRDC counties: Gallia, Jackson, Lawrence, Pike, Ross, and Vinton.
- Plumbers and Pipefitters Local 577 Joint Apprenticeship and Training Com-mittee (JATC) trains in 9 counties, 8 of which are within the OVRDC region: Adams, Gallia, Highland, Jackson, Lawrence, Pike, Scioto, and Vinton.
- Electrical Training Academy serves 10 counties in Ohio and 4 counties in Kentucky.
   Eight of the 10 counties in Ohio fall within the OVRDC boundaries: Adams, Fayette,
   Highland, Jackson, Pike, Ross, Scioto, and Vinton. The center focuses on commercial and industrial electrical training, supporting the local infrastructure and commercial develop-ment.

Table 2: Counties in Ohio Served by the Participating Training Centers

Training Center	Number of	Counties' Names
	Counties	
	Served	
Appalachian Career Empower-	5	Jackson, Pickaway, Pike, Ross, Scioto, with
ment (ACE)		plans to expand training throughout central
		Appalachia, including counties in Kentucky
		and West Virginia.

Training Center	Counties Served	County Names
Boilermakers Local 105	35	Adams, Athens, Brown, Butler, Champaign, Clark, Clermont, Clinton, Fairfield, Fayette, Franklin, Gallia, Greene, Guernsey, Highland, Hamilton, Hocking, Jackson, Lawrence, Licking, Madison, Meigs, Miami, Montgomery, Morgan, Muskingum, Noble, Perry, Pickaway, Pike, Preble, Ross, Scioto, Vinton, Warren.
IKORCC Training Center – Grayson Campus	12	Adams, Fayette, Gallia, Hocking, Highland, Jackson, Lawrence, Meigs, Pike, Ross, Scioto, Vinton.
Iron Workers Local 172 JATC	25	Champaign, Clark, Crawford, Delaware, Fairfield, Fayette, Franklin, Hardin, Highland, Hocking, Jackson, Knox, Licking, Logan, Madison, Marion, Morrow, Muskingum, Perry, Pickaway, Pike, Ross, Union, Vinton, Wyandot.
Ohio Laborers Training Center	11	Adams, Athens, Gallia, Highland, Jackson, Lawrence, Meigs, Pike, Ross, Scioto, Vinton.
Ohio Operating Engineers – Logan Center	23	Athens, Crawford, Delaware, Fairfield, Franklin, Gallia, Hocking, Jackson, Knox, Lawrence, Licking, Marion, Meigs, Morgan, Morrow, Muskingum, Perry, Pike, Pickaway, Ross, Union, Vinton, Wyando.t
Plumbers and Pipefitters Local 577 JATC	9	Adams, Athens, Gallia, Highland, Jackson, Lawrence, Pike, Scioto, Vinton.
Electrical Training Academy	10	Adams, Fayette, Highland, Hocking, Jackson, Pickaway, Pike, Ross, Scioto, Vinton.

## 3 Branches of trade offered, skill required, and compensation

This section provides an in-depth overview of trade programs offered by each training center. Each subsection outlines the types of trades available, the skills taught, and the compensation structure. These programs support critical industries such as construction, utilities, transportation, and energy.

## 3.1 Appalachian Career Empowerment (ACE)

ACE offers cross-disciplinary training rooted in nuclear operations and decommissioning. Its programs support technical roles in operations, maintenance, and service functions for high-risk, regulated environments.

#### · Service Workers

- Skills: Labor work, sanitation services
- Total Compensation (including wages and benefit): Starting at \$47/hour.

#### Maintenance Technicians

- Skills: Includes all skill crafts: electricians, mechanics, instrument maintenance.
- Total Compensation (including wages and benefit): Starting at \$49/hour.

### · Operations Technicians

- Skills: Power operations, process operations, utility operations, uranium operations, chemical operations.
- Total Compensation (including wages and benefit): Starting at \$49/hour.

#### Professional Technical

- Skills: Buyers, environmental technicians, planners, radiological control technicians, industrial hygiene technicians.
- Total Compensation (including wages and benefit): \$26.73/hour to \$50.61/hour.

### 3.2 Boilermakers Local 105

Boilermakers Local 105 specializes in heavy industrial and power generation work. Training is focused on high-skill trades such as welding, rigging, and mechanical assembly. All three Boilermaker roles share a common skill set and compensation.

Boilermaker – Mechanic, Welder, Rigger

- Skills: Welding, rigging, layout, burning, gouging

– Wage: \$44.25/hour

- Benefits: \$29.63/hour

- Total Compensation: \$73.88/hour

## 3.3 IKORCC – Grayson Campus

IKORCC Grayson offers an intensive, multi-year apprenticeship across a variety of construction trades, from precision millwrighting to detailed finish work in flooring and carpentry.

## Millwright

- Skills: Precision alignment, rotating equipment, welding

Wage: \$37.78/hourBenefits: \$28.05/hour

- Total Compensation: \$65.83/hour

#### Floor Coverer

- Skills: Installation of sheet vinyl, VCT, LPV, hardwood, and ceramics

Wage: \$32.82/hourBenefits: \$27.03/hour

- Total Compensation: \$59.85/hour

## Carpenter

 Skills: Wood and metal framing, drywall hanging, acoustical ceilings, concrete form-work, scaffold building, welding, bridge formwork

Wage: \$32.82/hourBenefits: \$27.03/hour

- Total Compensation: \$59.85/hour

#### · Pile Driver

- Skills: Pile driving, welding, concrete formwork

Wage: \$33.00/hourBenefits: \$26.90/hour

- Total Compensation: \$59.90/hour

### 3.4 Iron Workers Local 172

Iron Workers Local 172 specializes in ironwork trades, with core training in welding, rigging, reinforcing, and blueprint reading. The center offers a registered apprenticeship that prepares workers for structural and reinforcing ironwork roles.

#### · Iron Worker

- Skills: Welding, rigging, reinforcing, blueprint reading.

Wage: \$36.77/hourBenefits: \$23.79/hour

- Total Compensation: \$60.56/hour

## 3.5 Ohio Laborers Training Center

This center supports training in general construction labor through stackable, modular programs that include certifications and specialty skills.

#### Laborers

– Skills: Measuring and leveling instruments, introduction to transits, pipelaying, mason tending, burning, carpenter tending & pneumatic tools, small engines/powered tools, asphalt & traffic control, concrete placement, traffic control supervisor, asbestos and lead abatement, rigging, skiff steer and forklift training, scaffold builder, basic welding, solar farm construction, ICRA and Hazardous Waste Training, OSHA 10 and 30, Confined Space/CPR/First Aid, excavation safety, plastic pipe fusion & blue prints and foreman training.

#### - Wage:

\* Heavy Highway Laborers: \$35.52/hour

\* Pipeline Laborers: \$38.15/hour

\* Local Building Agreement: \$40.97/hour

## - Benefits:

\* Heavy Highway Laborers: \$14.6/hour

\* Pipeline Laborers: \$14.1/hour

\* Local Building Agreement: \$14.24/hour

#### – Total Compensation:

\* Heavy Highway Laborers: \$50.12/hour

\* Pipeline Laborers: \$52.25/hour

\* Local Building Agreement: \$55.21/hour

### 3.6 Ohio Operating Engineers Apprenticeship & Training - Logan Training Center

The Ohio Operating Engineers program includes training in heavy machinery operation, safety certifications, and equipment maintenance.

## · Operating Engineers

– Skills: Machines, Mechanics, Forklift, CDL, OSHA 10-STP, Signal Person Qualification, Skid Steer, Labor History, Trench Safety. Industrial and Rough Terrain Forklift Certification, Skid Steer Certification. Apprentices will attend 160 hours (4 weeks) of related instruction per year for four years (training sessions are unpaid). Training sessions are scheduled in four 40-hour blocks. one week in the Fall, two weeks in the Winter, one week in the Spring for the first 3 years, and in the 4th year it will be two weeks in the Fall and two weeks in the Spring.

Wage: \$44.14/hourBenefits: \$16.60/hour

- Total Compensation: \$60.74/hour

#### Maintenance Technicians

- Skills: Principles of Diesel Engines, Support Equipment Repair (small engines, compressors, pumps, generators, welders, chain saws), Electrical Systems, Hydraulic & Air Brake Systems, Power Trains, Shop Operations, Engines & Components, Final Drives, Electrical Systems, Welding Processes, Crane Assembly & Disassembly, Excavator Hydraulic Systems, Line Boring, Engines, GPS Overview & Diagnosis. Maintenance Technician minimum requirement for graduation: 4,000 hours of on-the-job training, all classroom/shop training completed with passing scores on exams, Attendance of annual MSHA Refresher, Attendance of Forklift Certification Refresher, and attendance at a minimum of 3 union meetings.
- Wage: In the field, Maintenance Technicians will get a similar rate to Operating Engineers' wages; if working in a shop, they will get a lower rate depending on the shop.

- Benefits: Varies

- Total Compensation: Varies

## 3.7 Plumbers and Pipefitters Local 577 JATC

Local 577 supports both industrial and commercial plumbing and pipefitting with added certifications like medical gas and backflow prevention.

- Industrial Plumber/Pipe fitter/Welders/Service Technicians
  - Skills: Plumbing, pipe fitting, welding, rigging, instrumentation, rigging certification, backflow certification, medical gas installation, OSHA 10 and 30.

Wage: \$41.65/hourBenefits: \$27.60/hour

- Total Compensation: \$69.25/hour

Commercial Plumber/Pipe fitter/Welders/Service Technicians

 Skills: Plumbing, pipe fitting, welding, rigging, instrumentation, rigging certification, backflow certification, medical gas installation, OSHA 10 and 30.

Wage: \$37.89/hourBenefits: \$27.60/hour

- Total Compensation: \$65.49/hour

## 3.8 Electrical Training Academy

This registered apprenticeship trains apprentices in the electrical construction industry with two programs, the Inside program and the Limited Energy program, dedicated to developing highly skilled professionals. Their comprehensive programs blend theoretical instruction with hands-on experience, ensuring graduates are fully prepared to meet industry demands. The rig-orous curriculum combines classroom instruction with practical application, ensuring graduates possess both theoretical knowledge and real-world skills. Through strong industry partnerships, they provide relevant, cutting-edge training that directly translates to workplace success. Edu-cational classes cover essential areas, including electrical principles and applications, advanced safety protocols and certifications, first aid/CPR/AED training and certification, OSHA 10 and 30, code compliance and industry standards, and specialized technical skills.

### · Inside Electrician

 Skills: Electrical Theory and Principles, circuitry, National Electrical Code (NEC), code compliance, blueprint reading, wiring and installation, troubleshooting and diagnostics, safety protocols and hazard preventions, tool and equipment proficiency, Smart technology integration, fire alarm systems, and more.

Wage: \$38.00/hourBenefits: \$21.12/hour

- Total Compensation: \$59.12/hour

### Limited Energy Technician

Skills: Low Voltage systems, telecommunications, security systems, fire alarm systems, audio/visual technology, cable management, fiber optic installation, build-ing automation, blueprint interpretation, testing and certification, code compliance, troubleshooting methodologies, and more.

- Wage: \$32.37/hour

- Benefits: \$14.25/hour

- Total Compensation: \$46.62/hour

## 4 Training centers' capacity and graduation output

Table 3 outlines current graduate output and training capacity at each center.

Table 3: Training Centers' Capacity and Graduation Output

Center	Average	Max Capacity
	Graduates	
	per Year	
ACE	up to 240	Total of 720 projected over a
	graduates for	three-year period (with ability to
	2025	expand based on need)
Boilermakers Local 105	15	340 per year (with ability to ex-
		pand based on need)
IKORCC Grayson Campus	200	300 per year (with ability to ex-
		pand based on need)
Iron Workers Local 172 JATC	40	80 (with ability to expand based
		on need)
Ohio Laborers Training Center	15	25 per year (with ability to expand
		based on need)
Ohio Operating Engineers – Logan	100	Unlimited capacity to expand de-
Center		pending on ability to hire instruc-
		tors
Plumbers & Pipefitters Local 577	15	25 (with ability to expand based
JATC		on need)
Electrical Training Academy	12	500 (with changes in the format
		in training, the appropriate addi-
		tional resources, and instructors)

- Appalachian Career Empowerment (ACE): The center reports 240 graduates ex-pected in 2025, with a total of 720 projected over a three-year period. While no maximum capacity is officially defined, ACE appears to be operating at a high volume and is structured to consistently accommodate this level of output.
- Boilermakers Local 105: This center graduates approximately 15 individuals per year,

despite having the capacity to train up to 340. It is operating significantly below its capacity due to demand level.

- IKORCC Grayson Campus: The campus graduates about 200 individuals annually, with a stated capacity of 300. It is operating at approximately two-thirds of its capacity and has the ability to train an additional 100 individuals per year due to demand level.
- Iron Workers Local 172 JATC: This center has an average of 40 graduates per year and a maximum capacity of 80. It is also operating below capacity due to demand level.
- Ohio Laborers Training Center: This center graduates around 15 apprentices per year.
   With a per-class capacity of 25. It is currently operating below potential capacity due to demand level.
- Ohio Operating Engineers Logan Center: The center averages 100 graduates annually. It has no fixed capacity limit and is considered scalable. Its ability to expand depends on hiring additional instructors. Due to the demand level, it is not currently at full instructional capacity.
- Plumbers and Pipefitters Local 577 JATC: The center trains 15 individuals per year and has a maximum capacity of 25. It is operating below capacity due to demand level.
- Electrical Training Academy: This training center has an average of 12 graduates per year and a maximum capacity of 500 with changes in the training format and the appropriate resources. The average graduates per year will increase to approximately 32 due to industry demands and class sizes that have expanded due to the needs.

## 5 Training centers and higher education institutions partnerships

Several of the trade-focused training centers maintain partnerships with local colleges and universities to offer college credit for apprentices and trainees. These partnerships play a vital role in creating clear pathways from apprenticeship programs to higher education credentials, while also supporting regional economic development.

- The Appalachian Career Empowerment (ACE) is affiliated with Sinclair Com-munity College and Shawnee State University. Through these partnerships, ACE offers college credit opportunities to its apprentices and trainees. It serves as a regional hub for technical and industrial workforce training.
- Boilermakers Local 105 currently does not have a formal partnership with a higher education institution.

- IKORCC Training Center Grayson Campus partners with Ivy Tech in Indi-ana.
   Every apprentice at the Grayson Campus graduates with a two-year associate degree in Construction Management with an emphasis in Carpentry. The program is free to members; the Carpenters Union pays Ivy Tech for the credits. All coursework is completed on-site at the Grayson Campus.
- Iron Workers Local 172 JATC partners with Cuyahoga Community College to offer college credit for their apprentices.
- Ohio Laborers Training Center partners with Cuyahoga Community College to offer college credit for apprenticeship training.
- Ohio Operating Engineers Training Center Logan maintains several partner-ships with educational institutions. It supports Hocking College's Heavy Equipment Management Program and has an articulation agreement with Columbus State Community College that grants 39 credit hours to apprentice graduates. These graduates can earn an associate degree by completing 10 additional courses. The center also partners with Buckeye Hills Career Center, Collins Career Center, New Lexington Workforce Center, and Eastland Career Center. At Eastland, the center delivers a 10-hour OSHA course for students in the diesel mechanics program.
- Plumbers and Pipefitters Local 577 JATC partners with Owens Community College to offer college credit for its apprenticeship program.
- Electrical Training Academy partners with Northwest State Community College to offer college credit. Apprentices can take additional classes to earn a degree.

## 6 Additional specified training programs offered

The participating training centers reported offering additional specified training programs beyond their core apprenticeship curriculum. These include safety certifications, health-related training, and specialized technical credentials.

Acronyms from Training Programs Overview

- Training Programs
  - \* STP Safety Training Passport
- Certifications & Safety Training
  - \* AED Automated External Defibrillator \*

CPR – Cardiopulmonary Resuscitation

- \* HAZWOPER Hazardous Waste Operations and Emergency Response
- \* ICRA Infection Control Risk Assessment
- \* OSHA Occupational Safety and Health Administration \*

MSHA – Mine Safety and Health Administration

- \* NFPA National Fire Protection Association \*
   NEC National Electrical Code
- Other Technical/Industry Terms
  - \* DSI Door Safety Inspector
  - \* GPS Global Positioning System
- Appalachian Career Empowerment (ACE) offers Radiological Control Technician Training, Industrial Hygiene Technician Training, OSHA 10/30/511/501, and HAZWOPER Training.
- Boilermakers Local 105 offers OSHA 10, OSHA 30, CPR, and First Aid.
- IKORCC Grayson Campus offers their journeyman and apprentices OSHA 10 and 30, defibrillator, first aid, CPR, 40-hour scaffold qualification/competent person, certified rigging and signaling class, door safety inspectors/DSI, ICRA (Infection Control Risk Assessment Training), steam and gas turbine welding certifications, Install Certification for Flooring, 40 HAZWOPER Training, lead abatement training (all are certifications or qualifications).
- Iron Workers Local 172 JATC offers First Aid, CPR, AED, confined space, cranes and rigging, welding, fire watch, fall protection, aerial work platform, bidding and estimating, rough terrain forklift, instrument layout, OSHA, OSHA 30, OSHA 500, OSHA 510, scaffold, silica, structural steel, unbonded post tension, curtain wall, and foreman training.
- Ohio Laborers Training Center offers OSHA 10 & 30, First Aid, CPR, and STP.
- Ohio Operating Engineers Logan Center offers Continuing education classes for journeymen include Asphalt Paving, Asphalt Milling, Crane I, Crane II, Luffing Crane, Crane I Refreshers, Lift Director, Tower Crane, Crane Rigging, Pile Driving, Signal Person, Directional Drill, Drones in Construction, Entry Level Driver Training, First Aid/CPR/AED, Forklift/Industrial & Rough Terrain, GPS Grade Control, Intro to Grade Checking, Grader, Grades & Planes, HAZWOPER, HAZWOPER Refresher, Load Securement, Infection Control Risk Assessment, MSHA, MSHA Refresher, OSHA 10 STP (Safety Training Passport), OSHA 30 STP, Distribution & Locating, Hydro Excavating, Deep Excavation, Trench Safety, 24 Hour Skid Steer, Skid Steer Refresher, Remote Control Equipment, Solar Field Post Pounder, Welding, Support Equipment & Maintenance, and Operating Engineers Certification Program Certification Exams and Practical Exams.
- Plumbers and Pipefitters Local 577 JATC offers their journeyman classes in advanced OSHA, rigging, and instrumentation.
- Electrical Training Academy offers OSHA 10, OSHA 30, First Aid/CPR/AED,
   Welding, Ohio Fire Alarm, Kentucky Journeyman Exam, as well as Continuing Education classes for contractors and journey level workers which include NFPA 70E, NEC Code Changes, and other necessary industry updates.

### 7 Recruitment and outreach

All training centers use a mix of social media and traditional advertising methods to recruit apprentices and trainees. Common strategies include web advertising, television, newspaper and radio ads, high school outreach, and participation in job fairs. Word-of-mouth referrals and open houses are also important tools for attracting new candidates.

In addition to general outreach efforts, several training centers employ unique or targeted recruitment strategies tailored to their specific audiences and service areas. Below are examples of notable approaches used by individual centers:

- ACE: Conducts in-person outreach to unions, businesses, nonprofit organizations, and local educational institutions.
- Boilermakers Local 105: Engages with and delivers presentations at vocational schools, such as welding schools, to connect with potential apprentices.
- IKORCC Grayson Campus: Engages with rehab centers and works with counseling centers to bring from recovery to careers.
- Ohio Operating Engineers Logan Center: Uses billboard campaigns to in-crease program visibility in key areas.
- Electrical Training Academy: Besides using a variety of traditional and unique ways to engage with the public, and targeted recruitment, the center also utilize Facebook, websites, radio advertisements, radio interviews, career fairs with high schools, local job career fairs, holds monthly in-person informational meetings at the training center, elementary school career days, engages with GRIT, OhioMeansJobs, Community Action organizations, has 4 recognized high school pre-apprenticeships, has a multi-craft trade pre-apprenticeship program, engages with rehabs and coun-seling centers to bring in from recovery to careers, Helmets to Hardhats, hosts Career and Technical Education Day at the training center, lunch and learns, and contractor lunch and learns.

## List of acronyms used in this report

- Training Organizations and Programs
  - \* ACE Appalachian Career Empowerment
  - \* IKORCC Indiana/Kentucky/Ohio Regional Council of Carpenters \*
  - JATC Joint Apprenticeship and Training Committee
  - \* STP Safety Training Passport
- Certifications & Safety Training
  - \* AED Automated External Defibrillator \*
  - CPR Cardiopulmonary Resuscitation
  - \* HAZWOPER Hazardous Waste Operations and Emergency Response
  - \* ICRA Infection Control Risk Assessment
  - \* OSHA Occupational Safety and Health Administration \*

MSHA - Mine Safety and Health Administration

- \* NFPA National Fire Protection Association \*
- NEC National Electrical Code
- Other Technical/Industry Terms
  - \* DSI Door Safety Inspector
  - \* GPS Global Positioning System