

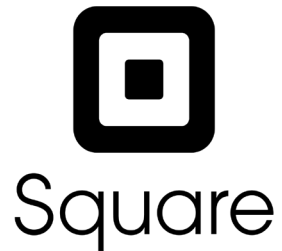


COABE
COALITION ON ADULT BASIC EDUCATION

Intersect 2021 Thought Leaders Collaboration



Think Fast





Our Changing Workplace

Facts

- Half-life of skills is 5 years →
- Shrinking labor market participation rate →
- Rapidly evolving technology, AI, automation →

Implications

- Shift from K-12 to lifelong learning
- Career pathways, not jobs
- Employers will need to "build, not buy" talent by providing training



Skilled Workers Needed

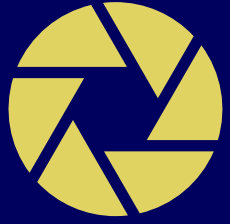
Top 10 Fastest Growing Occupations, Excluding Pandemic Recovery*

	Percent change, projected 2020-30	Employment change, projected 2020-30 (in thousands)	Median annual wages, May 2020
Wind turbine service technicians	68.2%	4.7	\$56,230
Nurse practitioners	52.2%	114.9	\$111,680
Solar photovoltaic installers	52.1%	6.1	\$46,470
Statisticians	35.4%	14.9	\$92,270
Physical therapist assistants	35.4%	33.2	\$59,770
Information security analysts	33.3%	47.1	\$103,590
Home health and personal care aides	32.6%	1,129.9	\$27,080
Medical and health services managers	32.5%	139.6	\$104,280
Data scientists and mathematical science occupations, all other	31.4%	19.8	\$98,230
Physician assistants	31.0%	40.1	\$115,390

*Data excludes occupations that had a decline in wage and salary employment greater than the decline for all occupations from 2019 to 2020 (approximately 6%).

Source: U.S. Bureau of Labor Statistics





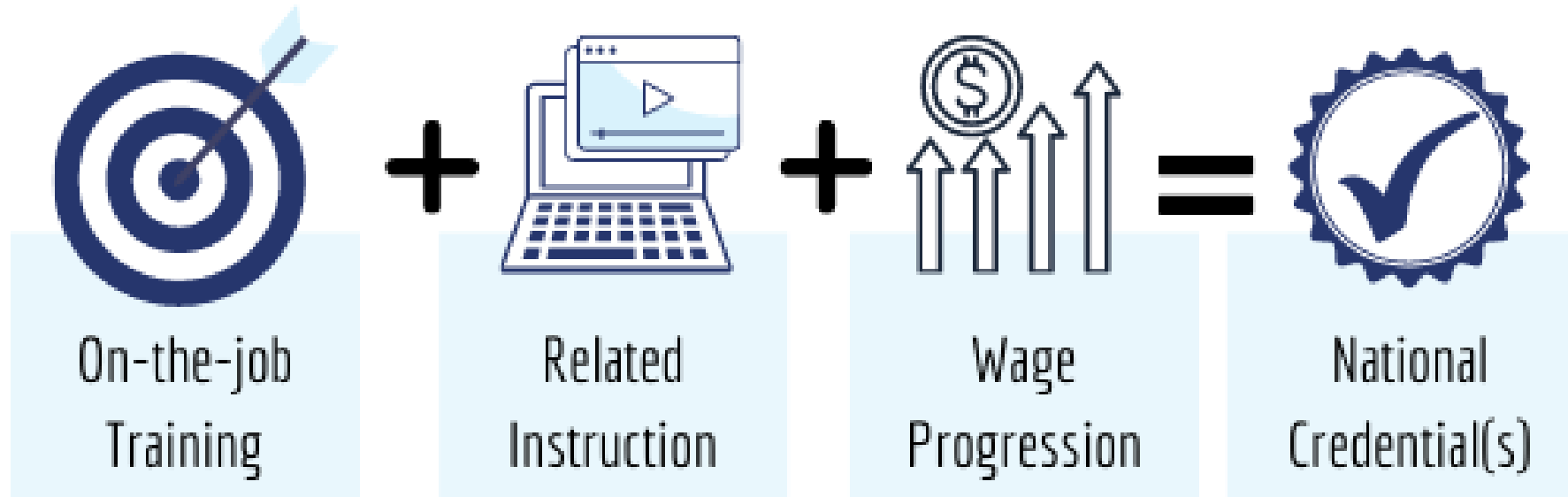
What is Apprenticeship?

A Proven Workforce Solution

Registered Apprenticeship is an **industry-driven, high-quality** career pathway enabling employers to **develop new hires** and **upskill current workers** for critical occupations.



Core Components





Spanning all Sectors



Healthcare



Cybersecurity



Information
Technology



Biotechnology



Transportation



Construction



Financial
Services



Advanced
Manufacturing



Hospitality



Engineering



Energy



Telecommunications



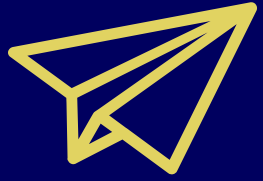
RA Modernizing and Expanding to Provide Training and Career Pathways

Expanding Beyond Trades Into Occupations that are...

- **High-Growth**
- **High-Demand**
- **High-Wage**

Industries & Occupations Include:

- **IT – Cybersecurity Technician**
- **Healthcare – Home Health Aid**
- **Renewable Energy – Wind Turbine Technicians**
- **Hospitality - Cook**
- **Social Services – Substance Abuse Counselor**



Apprenticeship & Adult Education – Challenges:

“In 2017 only **FOUR** local Adult Basic Education programs in the U.S. self-reported as having a registered apprenticeship program.”

(Source: 2017 COABE Survey of ABE Members)

- ☑ Lack of **meaningful, ongoing connection** between education institutions and industry employers to inform curriculum and course development and delivery of RA Programs (RAPs);
- ☑ **Poor Coordination** with the workforce system to co-enroll WIOA-eligible students in RAPs for leveraged funding and supportive services;
- ☑ Overall **low levels** of awareness of RAP integration methods with non-credit and for-credit high school, college, and adult education programs.





Educator Engagement

- Can provide employers with pool of candidates for apprentice and pre-apprentice positions
- Can provide employers with relevant workforce training (soft skills and technical skills) that
- Provides adult learners with entry into career pathway that combines related instruction (education) with paid, hands-on training for in-demand occupations with no debt
- Supported by workforce system
 - Training costs can be funded through WIOA Individual Training Accounts (ITAs) when program is on state Eligible Training Provider List
 - WIOA-eligible apprentices can access a range of supportive services (I.e. transportation and childcare assistance, books, uniforms, tools, etc.)
 - Veterans can access their GI Bill benefits, including military housing allowance



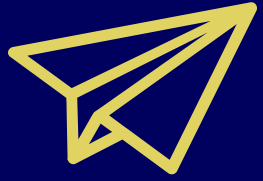
USDOL RA Center of Excellence



Building sustainable partnerships to support system alignment of the national workforce and education systems to accelerate Registered Apprenticeship (RA) adoption.

Our work will focus on three primary tasks:

- **Providing TA on a National Scope**
- **Engaging Key Stakeholders**
- **Coordinating with Federal and State Investments**



The Center's Partners & Approach

- Identify and scale effective practices through a bottom-up, peer-to-peer, approach
- Begin in 5 targeted states, expanding to a minimum of 5 more
- Disseminate resources and shared assistance nationwide





For More Information



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