Supply Chain Automation
Registered Apprenticeship Accelerator

June 15, 2022 | 1:00 – 2:00 PM
Welcome and Introductions

Melanie Anderson, Executive Vice President, National Association of Workforce Boards
Marilia Mochel, Director, Manhattan Strategy Group
Agenda Overview

- Welcome and Introductions
- Registered Apprenticeship and Supply Chain Automation
- Industry Focus on Registered Apprenticeships
- Supply Chain Automation Workforce Hub Overview
- Q&A and Discussion
- Wrap-Up
Session Objectives

To help workforce development boards understand:

- The scope of need in the supply chain workforce
- Their role in supply chain RAPs
- How to partner with other stakeholders to develop successful RAPs
- The value of partnering with the Hub
Registered Apprenticeship & Supply Chain Automation

Wendy Slee
Office of Apprenticeship, Education & Training Administration, U.S. Department of Labor

www.apprenticeship.gov
Registered Apprenticeship Overview

Wendy Slee, Program Analyst, Business Engagement Team
Office of Apprenticeship

www.apprenticeship.gov
Registered Apprenticeship is an industry-driven, high-quality career pathway where employers can develop and prepare their future workforce, and individuals can obtain paid work experience, classroom instruction, and a portable, nationally-recognized credential.
Registered Apprenticeships are jobs

Structured on-the-job training in a work setting

Job-related classroom training

Learning with the help of a mentor

Industry-recognized credential
Registered Apprenticeship Has a Proven Track Record of Producing Strong Results for Employers and Workers

Impressive Individual – Employee – Public Return on Investment

- $72,000 completers earn per year on average
- $1.47 Return for every dollar spent on apprenticeship by employers
- $28 in benefits for every $1 invested by government
- $300,000+ apprentices’ lifetime earning advantage
- 92% of registered apprentices are employed upon completion of their apprenticeship
- 92% of registered apprentices are employed upon completion of their apprenticeship
A Diverse Range of Industries

- Healthcare
- Cybersecurity
- Information Technology
- Biotechnology
- Transportation
- Construction
- Financial Services
- Advanced Manufacturing
- Hospitality
- Engineering
- Energy
- Telecommunications
Benefits for Employers

- Create a diverse and highly-skilled workforce
- Improve productivity and profitability
- Increase staff loyalty and retention of workers
- Flexible training options
- Improve recruitment
- Minimize liability costs
- Access to federal and state resources
- Receive tax credits and employee tuition benefits

Want more info? Visit the Employer page on Apprenticeship.gov
Helpful reading: Department of Commerce Study: The Benefits and Costs of Apprenticeship: A Business Perspective
Benefits for Workforce Development Boards

- Provide job seekers with immediate employment while also acquiring new skills
- Include high quality, systemized training that teaches required job skills
- Address the specific workforce needs of the local community and its employers
- Increase employment opportunities for underrepresented populations
- Encourage full utilization of the workforce
- Promote economic growth

Visit Apprenticeship.gov to learn more about Workforce Development Board case studies. WIOA/RA Factsheet
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<th>Contractor</th>
<th>Industry</th>
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<td>Appteon Inc.</td>
<td>Information Technology (IT)</td>
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<td>Arbor E&amp;T, LLC dba ResCare Workforce Services (RWS)</td>
<td>Healthcare, Health IT</td>
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<td>District 1199C Training and Upgrading Fund</td>
<td>Care Economy</td>
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<td>Fastport, Inc.</td>
<td>Transportation &amp; Logistics</td>
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<td>Healthcare Career Advancement Program (H-CAP)</td>
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<td>Jobs For The Future, Inc.</td>
<td>Manufacturing</td>
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<td>Information Technology (IT)</td>
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<td>Manhattan Strategy Group</td>
<td>Supply Chain Automation</td>
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<td>National Institute for Innovation and Technology</td>
<td>Supply Chain (Nanotechnology and Semiconductors)</td>
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<td>North America’s Building and Trades Unions (NABTU)</td>
<td>Construction</td>
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<td>Net.America Corporation</td>
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<td>Hospitality (Restaurant &amp; Hotels)</td>
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<td>Virginia Manufacturers Association</td>
<td>Critical Supply Chain (Adv. Manufacturing)</td>
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<td>Washington Technology Industry Associations (WTIA)</td>
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<td>Wireless Infrastructure Association (WIA)</td>
<td>Telecom Wireless 5G</td>
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Expanding Registered Apprenticeship Across Supply Chain Industries

• In December 2021, the U.S. Department of Labor awarded approximately $8 million in contract investments to four national Industry Intermediaries to expand the use of Registered Apprenticeship in sectors affected by the pandemic.

• The department is seeking to develop apprenticeship opportunities for all U.S. workers, in particular those from under-represented and underserved populations.

• Three of these national Industry Intermediaries are focused on expanding RAPs in key supply chains:
  • Manhattan Strategy Group – Supply Chain Automation
  • National Institute for Innovation and Technology - Supply Chain (Nanotechnology and Semiconductors)
  • Virginia Manufacturers Association - Critical Supply Chain (Adv. Manufacturing)

Learn more about these newest Industry Intermediaries here on apprenticeship.gov
Any Questions? The Office of Apprenticeship is here to help! Contact us at apprenticeship@dol.gov, or visit www.apprenticeship.gov.

Workforce System and Partnerships with Registered Apprenticeship Programs and Collaboration Opportunities: Resource Hub and Search for “WIOA”
Industry Focus on Registered Apprenticeships
Industry Focus on Registered Apprenticeships

Tony Oran
Vice President of Sales
Festo Didactic Inc.
Supply Chain Automation
Workforce Hub Overview

James Price, Project Manager,
SCA Workforce Hub (Manhattan Strategy Group)

Jan Bray, Senior Advisor/SME, National Association of Workforce Boards
About Supply Chain Sector

- Supply chain sector encompasses logistics and materials handling:
  - **Supply Chain**: Flow of materials and goods to consumers around the world
  - **Logistics**: Movement of goods between warehousing, distribution centers, and manufacturing facilities
  - **Materials Handling**: Handling of goods and materials inside the four walls of a warehouse, distribution center, or manufacturing site

- Jobs are dispersed across the country in regional hubs, midsized markets, border areas, and areas with a large retail and manufacturing presence
About Supply Chain Automation

- Supply Chain Automation is the use of technologies to:
  - Improve efficiencies
  - Connect applications
  - Streamline processes within supply chain operations (mechatronics, logistics, transportation, warehousing)

- Growing need for skilled workers in Supply Chain Automation:
  - More than 72,000 new jobs created since Feb. 2020
  - Additional 770,000 new jobs expected to be created through 2025

Supply Chain Automation Occupations

- Automation Technician is one starting point for a career path in supply chain automation

- Other occupations:
  - Transportation, Storage, and Distribution Manager
  - Supply Chain Manager
  - Logistician
  - Logistics Analyst
  - Industrial Machinery Mechanic
  - Mechatronics Technician
Expansion of Registered Apprenticeship Programs through Industry Intermediaries

**Contract awarded:** December 2021

**Industry:** Supply Chain Automation

**Target Population:** Underserved Populations (PoC and Veterans)

*Industry Intermediaries help accelerate Registered Apprenticeship program development and create new sector-based apprenticeship partnerships at regional and national levels.*
About the SCA Workforce Hub

- One-stop solution for recruiting and training supply chain automation specialists
- Powered by employers, workforce organizations, and education institutions working in partnership
- Helps employers develop customized training programs for SCA talent development through Registered Apprenticeship programs
- Supports development of a diverse talent pipeline, including people of color and veterans/military service members
- Provides a variety of support and services to employers, education institutions, and career seekers – all at no cost
The Hub is a partnership between key organizations that work closely together to develop and sustain RAPs in supply chain automation.

**Manhattan Strategy Group** leads delivery of TA and supports for the Hub and coordination across all Hub partners.

**National Association of Workforce Boards** brings a network and dedicated infrastructure to reach local stakeholders.

**National Coalition of Certification Centers** offers certification including Festo Industry 4.0 (tailored to production).

**Manufacturing Skill Standards Council** offers certification including Certified Technician-Supply Chain Automation (tailored to distribution centers).
Hub Services and Supports

- Conduct education and outreach about benefits of RAPs in supply chain automation
- Offer financial incentives and technical assistance to RAP sponsors
- Connect interested employers with education and training providers and workforce organizations
- Support national registration of RAPs
- Support education institutions offering applied learning aligned to in-demand careers and pathways to a college degree and/or certification
- Assist in outreach, marketing, and recruitment efforts to promote RAPs with a focus on equity and diversity
- Identify state and federal funding opportunities
Help workforce organizations identify local supply chain employers; conduct education and outreach about the value of RAPs in addressing supply chain automation talent development needs.

Connect interested employers with education and training providers that can support delivery of RAPs.

Partner with employers to develop RAPs customized to meet employer’s training needs.
Why partner with the SCA Workforce Hub?
- The Hub helps employers, education institutions, and career seekers in many ways – all at no cost!
- Partners receive technical assistance support, national visibility, and access to resources and incentive fund

Who else is partnering with the SCA Workforce Hub?
- SW Ohio Region Workforce Investment Board
- Ohio Workforce Association
- Workforce Development Board of Central Ohio
- Alexandria/Arlington Regional Workforce Council
- Workforce Development, Northern Kentucky Area Development District
Sponsor/Employer Incentive Fund

- Helps sponsors/employers offset costs of launching RAPs and providing training to apprentices
- Financial incentive of up to $1,000 per apprentice
- Each sponsor/employer can receive between $2,000 - $40,000, depending on total number of apprentices enrolled
- Incentive funds can be used for:
  - Tuition, classroom education, online training
  - Mentorship training
  - Training equipment
  - Curriculum development
  - Train the trainer workshops
- Applications due by September 30, 2022
Contact the SCA Workforce Hub

SCAWorkforceHub@manhattanstrategy.com

https://SCWorkforceHub.com/
- Sign up for our newsletter
- Access resources and information on upcoming events
- Follow us on social media:
  LinkedIn | Facebook | Twitter
Q&A and Discussion
Wrap-Up

Marilia Mochel, Director, Manhattan Strategy Group