



Minnesota Dual-Training Pipeline  
Speaker Series XIV

“How do we recruit and retain a diverse workforce? The importance of disability inclusion in increasing productivity” with Richard Pimentel  
December 14, 2021

# About the Department of Labor and Industry

*DLI's **VISION** is to be a trusted resource, service provider and impartial regulator.*

*DLI's **MISSION** is to ensure Minnesota's work and living environments are equitable, healthy and safe.*

## **DLI Programs:**

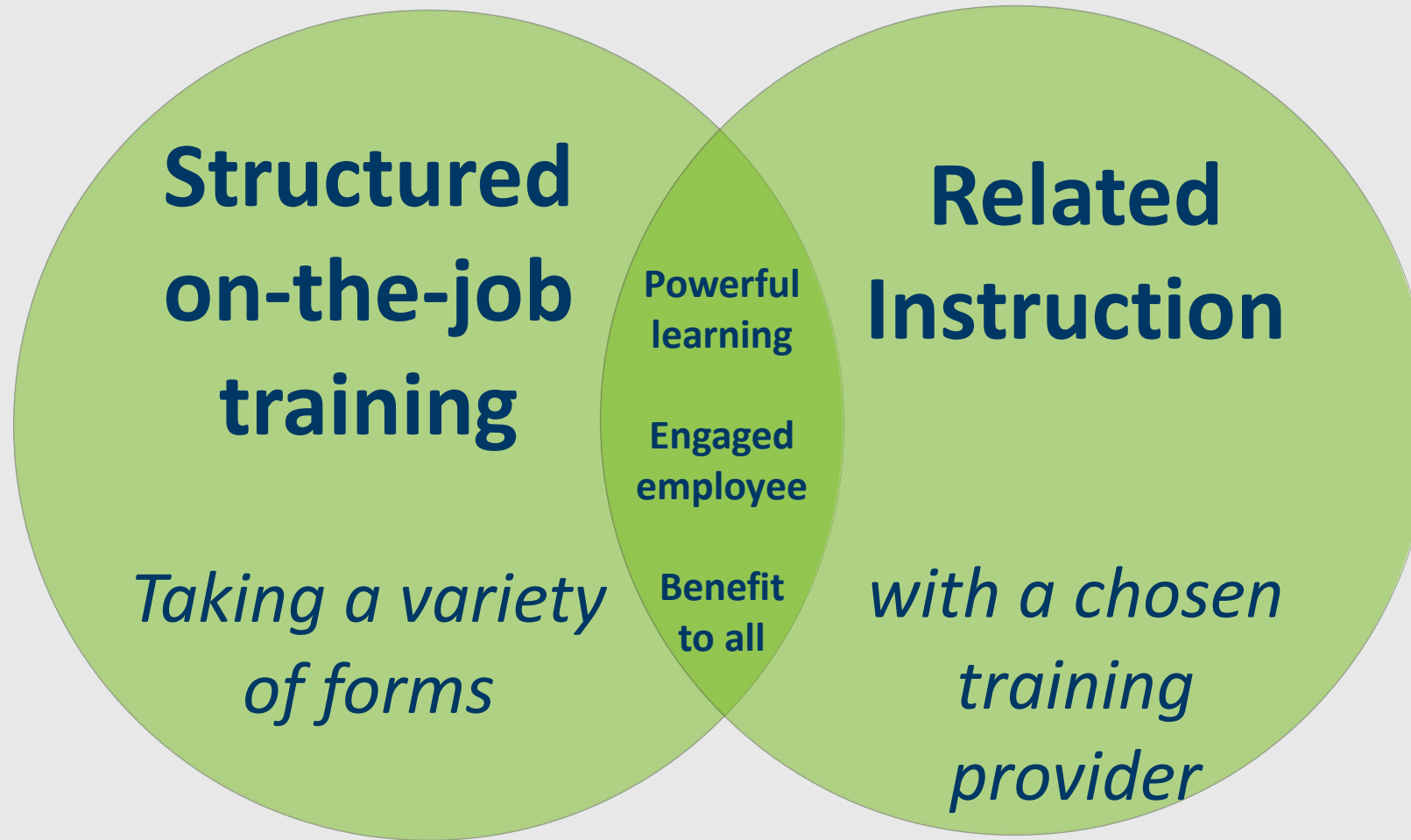
- Registered Apprenticeship
- Minnesota Dual-Training Pipeline
- Youth Skills Training Program
- Child Labor Outreach and Compliance
- Workplace Safety Consultation
- Workers' Compensation Administration
- OSHA Compliance
- Wage and Hour Compliance
- Construction Codes and Licensing
- Office of Combative Sports

# What is Minnesota Dual-Training Pipeline?



- Source of support to employers to develop their own employment-based, dual-training programs
- An innovative approach to address current and future workforce needs in the key industries of **advanced manufacturing, agriculture, health care services and information technology**
- Private Investment, Public Education, Labor and Industry Experience

# Employment-Based Training



# Minnesota Dual-Training Pipeline Strategies

- **Industry Forums:** *Inform and direct* Minnesota Dual-Training Pipeline on industry trends and needs through discussion and strategic planning aimed to expand dual training.
- **Competency Councils:** *Define and identify* specific occupational competencies for the four key industries.
- **Dual-Training Consulting:** *Create and disseminate* dual training resources for employers, employees and dual trainees: toolbox, grants, and expanding mentorship networks to set up dual training.

# Advanced Manufacturing Occupations

- Computer Numerical Control (CNC) Programmer
- Coordinate Measuring Machine (CMM) Programmer
- Extrusion Molding Technician
- Flexo Technician
- Injection Molding Technician
- Logistics and Supply Chain Manager
- Machinist/ Tool and Die Maker
- Machinist / CNC Operator
- Manufacturing Engineer
- Maintenance and Repair Worker
- Manufacturing Production Supervisor
- Mechatronics Technician
- Print Press Operator
- Quality Assurance/ Food Safety Supervisor
- Quality Assurance Technician
- Robotics Operator
- Safety Technician
- Solderer
- Welder

# Agriculture Occupations

- Agriculture Equipment Mechanic
- Agronomist
- Agriculture Finance/ Lender
- Application Technician
- Crop Farm Manager
- Farm Animal Manager
- Grain Merchandiser
- Horticulture Farm Manager
- Quality Assurance/Food Safety Supervisor
- Swine Technician (grow finish)
- Swine Technician (sow farm)

# Health Care Services Occupations

- Addiction Specialist
- Certified Nursing Assistant
- Critical Care Nurse
- Community Health Worker
- Community Paramedic
- Dental Assistant
- Dental Hygienist
- Electronic Health Records Specialist
- EMT to Paramedic
- Health Support Specialist
- ICU Nurse
- Licensed Practical Nurse
- Health Support Specialist
- Licensed Practical Nurse
- Medical Assistant
- Medical Laboratory Assistant
- Medical Laboratory Technician
- Ophthalmic Technician
- Psychiatric/Mental Health Technician in-patient
- Psychiatric/Mental Health Technician out-patient
- Phlebotomist
- Radiologic Technician
- Registered Nurse
- Respiratory Therapist
- Pharmacy Technician
- Senior Living Culinary Manager
- Surgical Technologist
- Wound, Ostomy, Continance (WOC) Nurse



# New or Updated Information Technology Occupations

- Application Developer
- Business Intelligence Developer/Architect
- Cloud Architect
- Computer User Support Specialist
- Data Science/AI Machine Learning Specialist
- Database Administrator
- Information Security Analyst/Specialist
- IT Project Planner/Manager
- Network Engineer
- Software Engineer/Developer
- Testing and Quality Assurance Analyst
- Web Developer – Back End
- Web Developer – Front End

# Our Featured Speaker: Dr. Richard Pimentel

## Dr. Richard Pimentel



**Dr Richard Pimentel**  
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# Movie Trailer: Music Within



<https://www.youtube.com/watch?v=6u2ddWcpiN4>

# A Terrific Resource for Employers: DEED Vocational Rehabilitation Services (VRS)

## Business Engagement Specialists

- Michelle Chmielewski (Metro & Statewide)

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<https://mn.gov/deed/business/finding-workers/hiring-disabilities/>

# Upcoming Industry Forums

- Advanced Manufacturing: Feb. 8, 2022, from 9 to 10 a.m. [Learn more and register.](#)
- Agriculture: Feb. 8, 2022, from 1 to 2 p.m. [Learn more and register.](#)
- Health Care Services: Feb. 9, 2022, from 9 to 10 a.m. [Learn more and register.](#)
- Information Technology: Feb. 9, 2022, from 1 to 2 p.m. [Learn more and register.](#)

# Thank You!



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