



Minnesota Dual-Training Pipeline
Advanced Manufacturing Industry Forum
February 7, 2023

Agenda

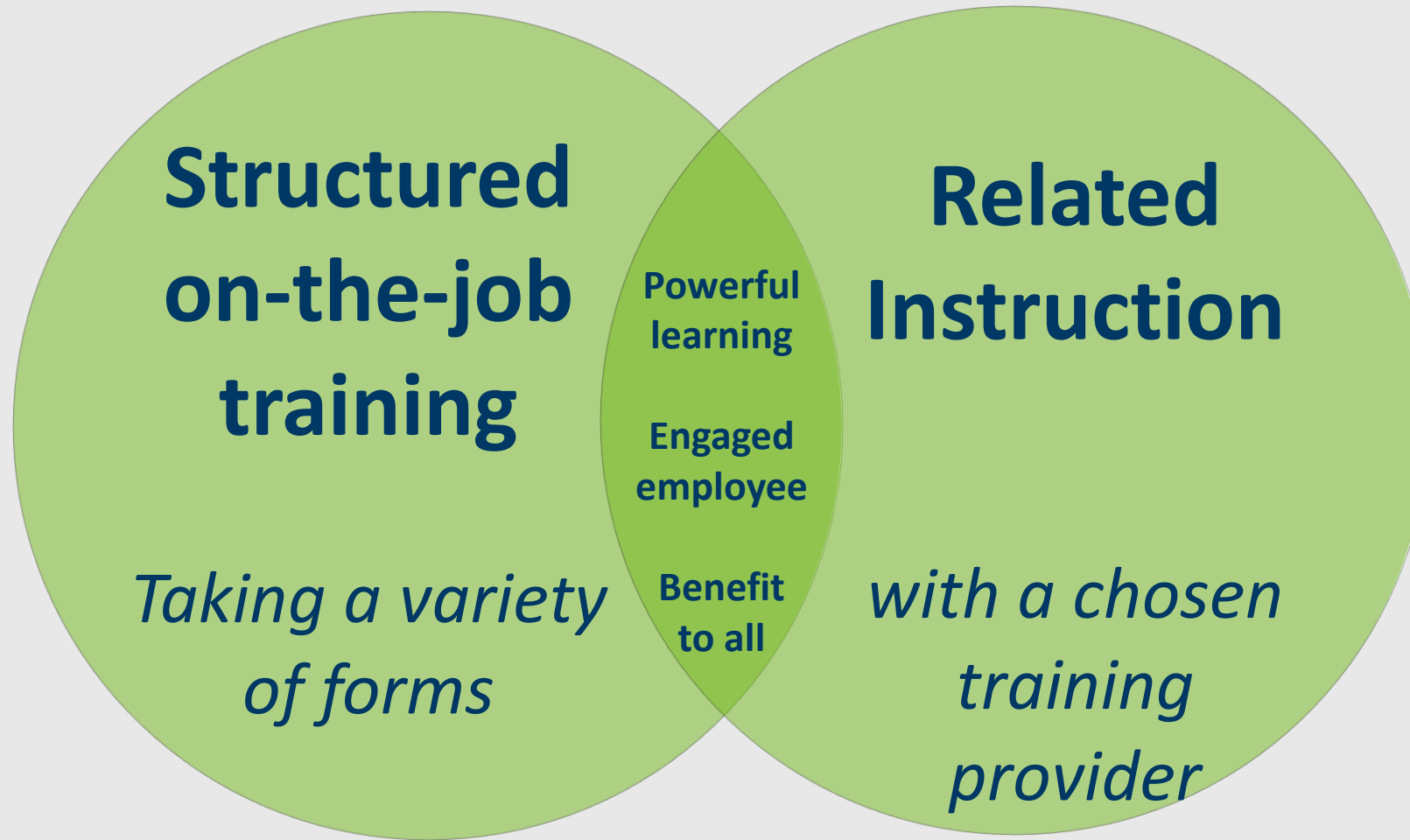
- **Introductions/ Welcome**
- **Minnesota Dual-Training Pipeline overview and updates**
- **New Manufacturing Occupation**
- **Example of Manufacturing Employer doing Pipeline – KLN Family Brands**
- **OHE Dual Training grant update**
- **Wrap up/ conclusion**

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.

January Speaker Series Recap



Download the [power point](#) and [handout](#).

Ideas for future topics?

Let us know what else you might like to learn about.

Advanced Manufacturing Occupations

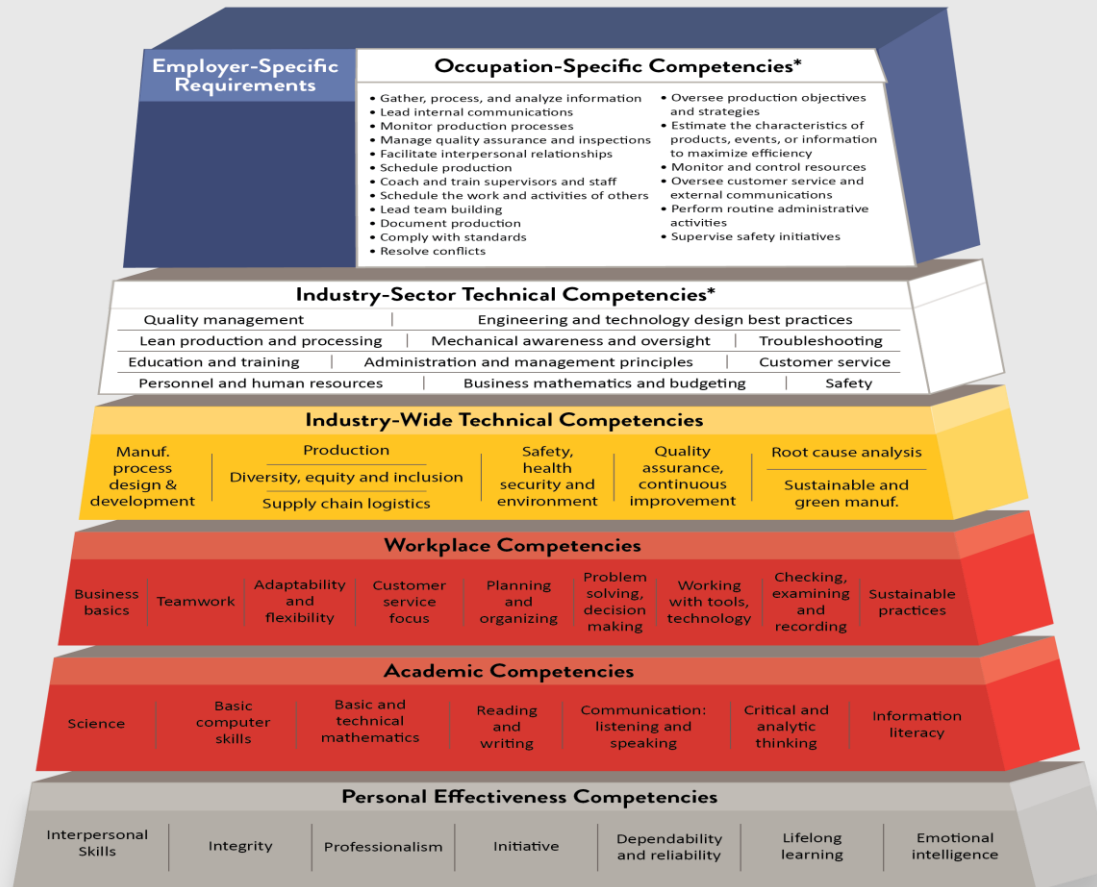
- Computer Numerical Control (CNC) Programmer
- Coordinate Measuring Machine (CMM) Programmer
- Extrusion Molding Technician
- Flexo Technician
- Injection Molding Technician
- Logistics and Supply Chain Manager
- Machinist/ Tool and Die Maker
- Machinist / CNC Operator
- Manufacturing Engineer
- Maintenance 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

Minnesota Dual-Training Pipeline Occupations – Factors for Adding New Occupations

- Two or more employers state need;
- Must offer a pathway to a livable wage: \$19.40/hour (based on a family with one child, one full-time and one part-time employed adult);
- Must be in-demand (Labor Market Information: Three stars is ideal);
- Must offer a career pathway; and
- Must lend itself to the dual-training model.

Industrial Production Manager

Minnesota Dual-Training Pipeline Competency Model for Advanced Manufacturing Occupation: Industrial Production Manager



[Industrial Production Manager | Minnesota Department of Labor and Industry \(mn.gov\)](https://mn.gov/department-of-labor-and-industry/)

Based on: Advanced Manufacturing Competency Model Employment and Training Administration, U. S. Dept. of Labor, April 2010.

*Pipeline recommends the Industry-Sector Technical Competencies as formal training opportunities (provided through related instruction) and the Occupation-Specific Competencies as on-the-job training opportunities.

Example of Manufacturing Employer doing Pipeline – KLN Family Brands



Notes from Presentation:

Rob from KLN and Amy from M State shared how they train maintenance and repair workers as certified production technicians and for welding with an American Welding Society certification.

Rob shared how workers do balance working full time and training by scheduling the training typically at the end of a shift or right before a shift starts.

Amy was asked about needing multiple employees to do customized training and the answer is that while it is not a requirement, it does generally work better to get all the value for the company.

Someone asked about worries about losing talent after they finish training and Rob responded that he hopes by investing in the training and opportunities to advance it will help make people want to stay.

Finally, Rob was asked what happens if an employee fails a test and he noted that the company still gets reimbursed by the grant and they still keep the employee because they did still learn things that are beneficial. They also will try to support them in retaking the test.

- Grants are available to cover the cost of related instruction (tuition, fees, books, and materials) – Grant application will open again in spring of 2023; more details on the grant can be found here: <https://www.ohe.state.mn.us/mPg.cfm?pageID=2160>
- \$6,000/student employee per year; Maximum grant is \$150,000 per employer per year; It is a reimbursement model for payments to the company.
- If employer exceeds \$25 million in annual gross revenue from 2022, 25% match is required;
- Employers (or representative of) may apply if:
 - Employees will be trained in an eligible occupation;
 - Employees have not yet attained competency standards;
 - Permanent work location in Minnesota.

2023 Application Timeline

- Request for Application Opens: March 1, 2023
- Application Writing Workshops: March 8th at 10:00am and March 9th at 1:00pm (Click [HERE](#) for more info)
- Request for Application Closes: April 3, 2023
- Applicants Notified about Awards: May 9, 2023

Contact: Jacquelynn.Mol.Sletten@state.mn.us

Upcoming Minnesota Dual-Training Pipeline Events

Pipeline 101

February 21, 2023 from 9am-10am [Register to attend here](#)

April 18, 2023 from 9am-10am [Register to attend here](#)

OHE Dual Training Grant Writing Workshops

March 8, 2023 from 10am-Noon – Registration link [available here](#)

March 9, 2023 from 1pm-3pm – Registration link [available here](#)

Save the Date - Upcoming All-Industry Forum

June 13, 2023 from 9am-10am

Thank You!



Dan Solomon
Program Manager
651-284-5355

dan.solomon@state.mn.us



Kathleen Gordon
Program Consultant
651-284-5388

kathleen.gordon@state.mn.us



Erik Holtan
Program Consultant
651-284-5032

erik.holtan@state.mn.us



Alana McDevitt
Program Specialist
651-284-5341

alana.mcdevitt@state.mn.us