Minnesota Dual-Training Pipeline
Information Technology Industry Forum
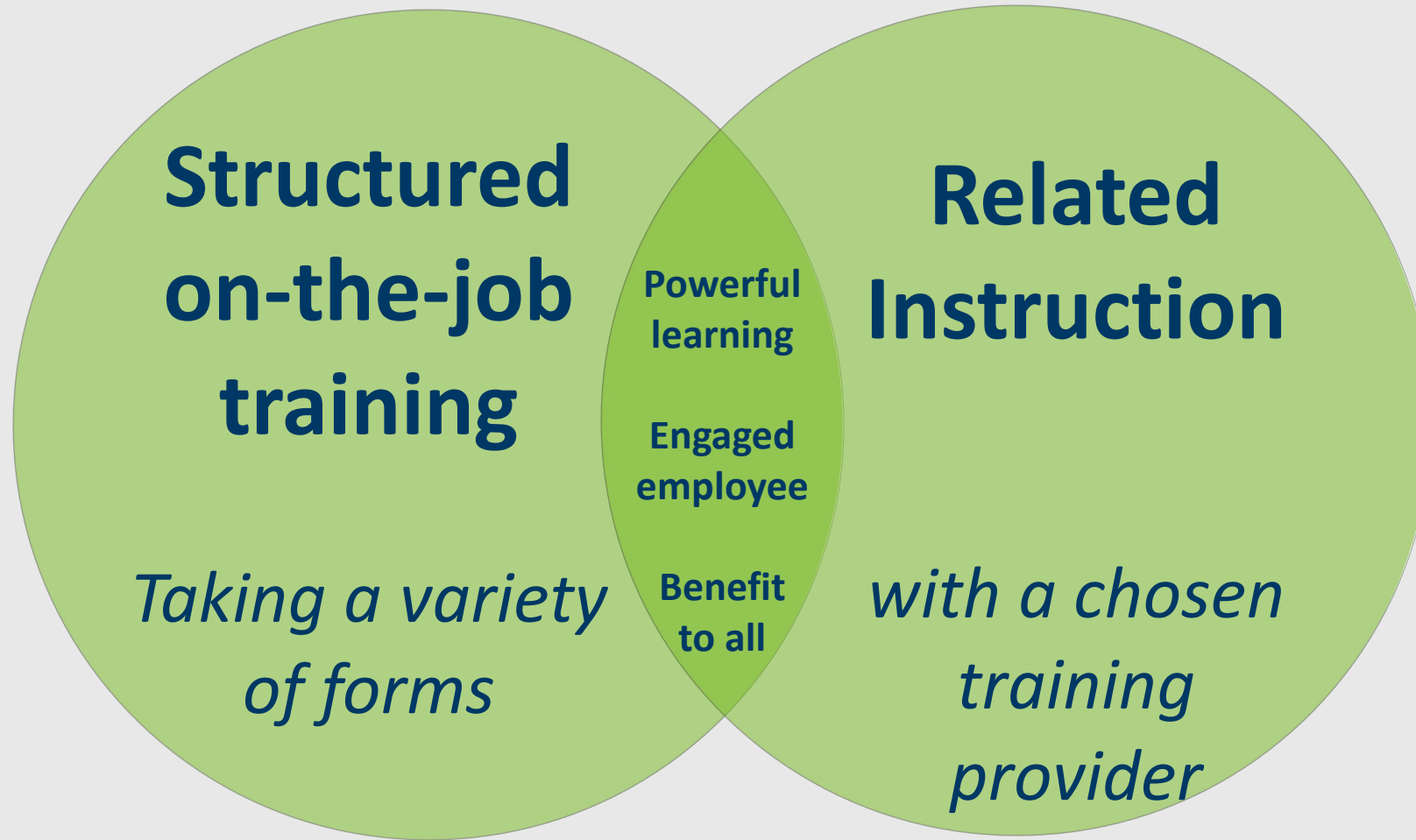### February 8, 2023

Agenda

- **Introductions/ Welcome**

- **Minnesota Dual-Training Pipeline overview and updates**

- **Example of Employer doing IT Pipeline – Knute Nelson**

- **OHE Dual Training grant update**

- **Wrap up/ conclusion**

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Structured on-the-job training

Taking a variety of forms

Powerful learning

Engaged employee

Benefit to all

Related Instruction

with a chosen training provider

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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.

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Work Like A Boss

Go From Apathy to Action

www.WorkLikeABoss.com | www.NancyLyons.com | @nylons

Download the power point and handout.

Ideas for future topics?

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

DUAL-TRAINING PIPELINE

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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

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- 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.

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Emily Geris,
Foundation Executive Director
Knute Nelson in Alexandria, MN

Notes from Presentation:

Emily shared how Knute Nelson is using Pipeline to train three people in IT occupations. As a long-term care facility, they still have real needs for Security Analyst positions and have benefitted from training with their partners at Rasmussen. Emily noted how it is improving retention and that her employees are excited to have the opportunity to enhance their skills.

Emily also made a point of noting that the on-the-job training has been good in that it has enhanced the overall education, improved culture through collaboration and also was not a huge leap from some of the efforts they were already doing.

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Minnesota Technology Trends Conversation

Where is Tech going in 2023 (per the Harvard Business Review)?

- Look out for combinatorial trends
- Prep the board for tipping point technologies
- Free the engineers you already have
- Get your head in the cloud
- The cloud is changing security
- Decentralized AI is changing the playing field

https://hbr.org/2023/01/where-is-tech-going-in-2023

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Minnesota Technology Trends Conversation continued

Top 25 Largest Growing Jobs in Minnesota, 2020-2030

Industry	Estimated Employment 2020	Projected Employment 2030	Percent Change 2020-2030	Numeric Change 2020-2030
Total, All Occupations	2,975,300	3,145,200	+5.7%	+169,900
Home Health & Personal Care Aides	107,496	133,419	+24.1%	+25,923
Cooks, Restaurant	21,685	31,629	+45.9%	+9,944
Fast Food & Counter Workers	66,583	74,855	+12.4%	+8,272
Software Developers & Software Quality Assurance	33,284	40,994	+23.2%	+7,7

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- 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

OHE Dual Training Grant Application Writing Workshops:

March 8, 2023 from 10am-Noon – **Webinar registration | Microsoft Teams**

March 9, 2023 from 1pm-3pm – **Webinar registration | Microsoft Teams**

Save the Date - Upcoming All-Industry Forum

June 13, 2023 from 9am-10am

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Thank You!

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