Minnesota Dual-Training Pipeline

Information Technology Industry Forum

February 7, 2025

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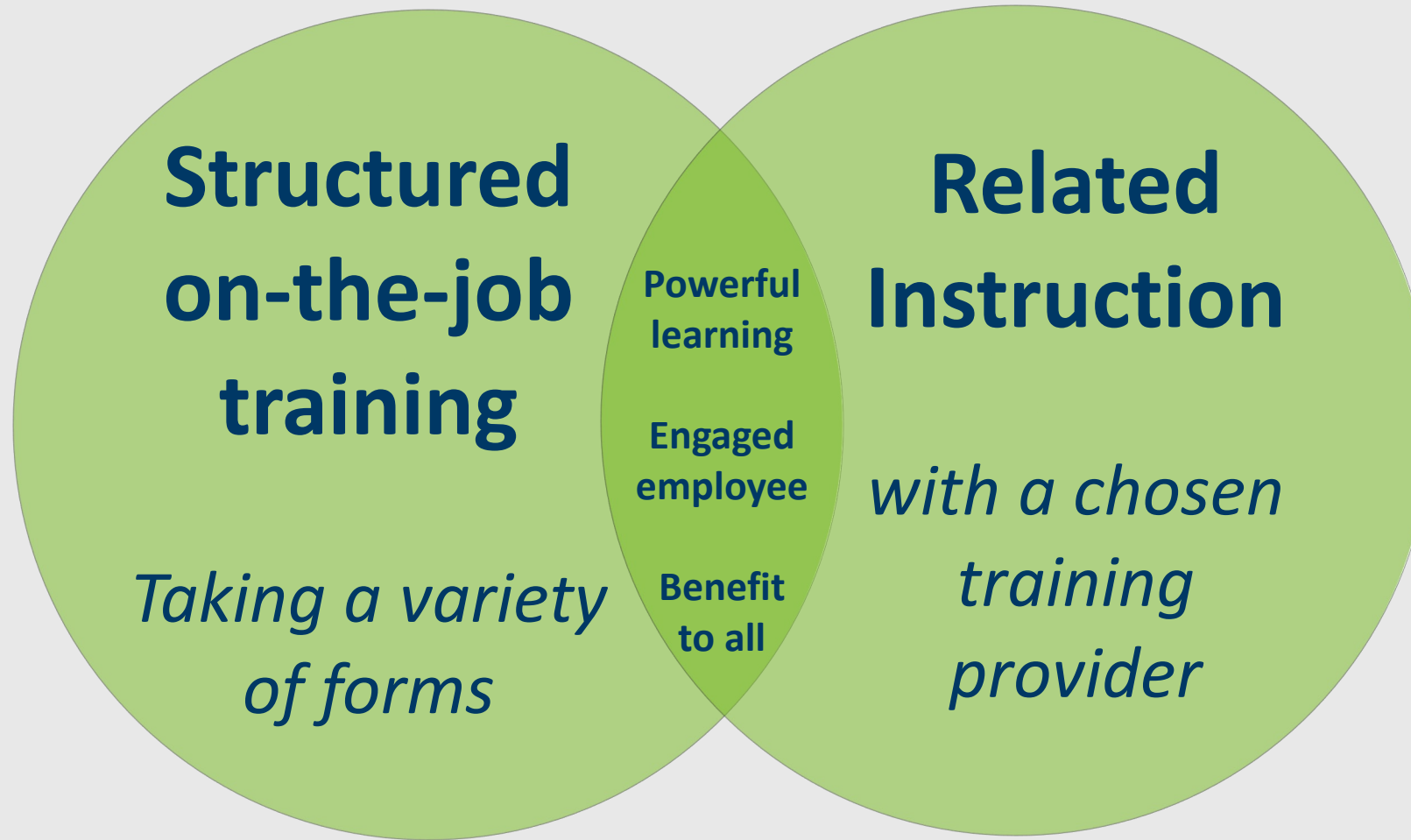
DUAL-TRAINING PIPELINE

- **Welcome/Introductions**

- **Minnesota Dual-Training Pipeline overview**

- **Dual training resources**

- **Pipeline Success Story – Jord Bioscience**

- **OHE Dual Training grant update**

- **Wrap up/ upcoming events**

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What is Minnesota Dual-Training Pipeline?

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, child care, health care services, information technology, legal cannabis industry, and transportation**

- Private Investment, Public Education, Labor and Industry Experience

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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 seven 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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Breaking the Leadership Myths: Unlearning the Lies and Leading with Confidence

Presented by Sarah Ciavarri
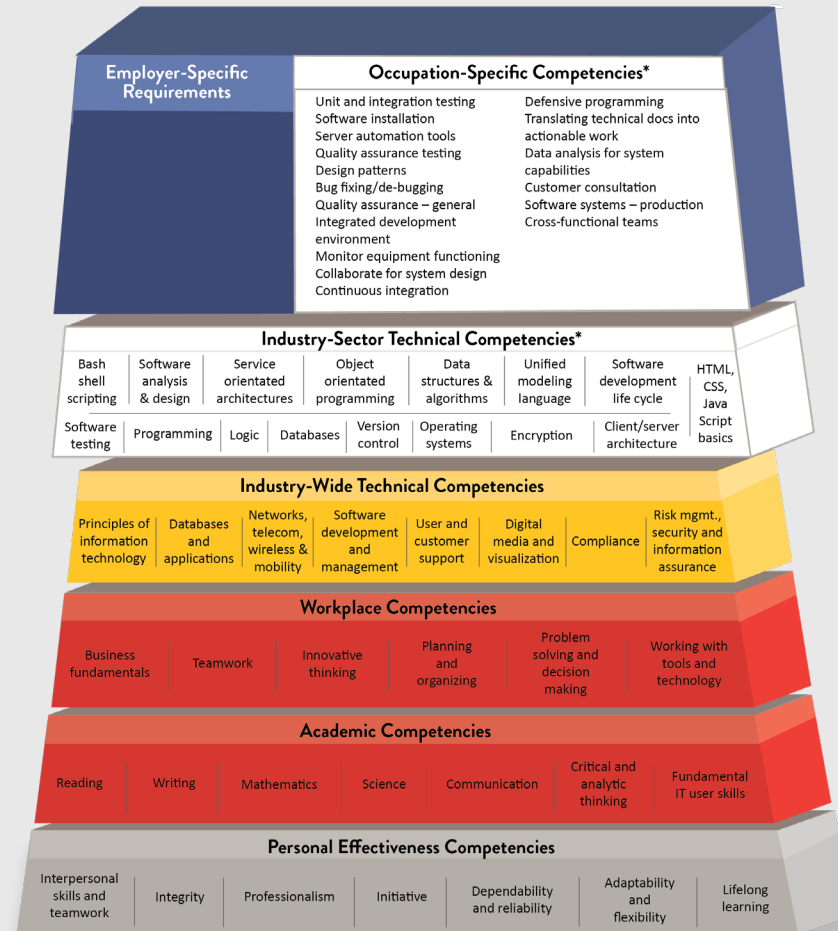
Download the power point.

Ideas for future topics?

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

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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

- Information Technology 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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Minnesota Dual-Training Pipeline Competency Pyramid

Web Developer - Back End

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

- Two or more employers state need;

- Must offer a pathway to a livable wage: $22.53/hour (based on a family with one child, one full-time and one part-time employed adult);

- Must be in-demand (Labor Market Information and other research considered);

- Must offer a career pathway; and

- Must lend itself to the dual-training model.

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Related Instruction Inventory

- Starting point for employers to develop a dual-training program;

- Includes education and training programs for approved occupations;

- Employers are not required to partner with the training providers on the list, but these are options to be considered.

https://secure.doli.state.mn.us/pipeline/pipelinelookup.aspx

An education or training provider that would like to be included on the inventory should reach out to our team to be added to the list.

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Related Instruction Inventory site

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PIPELINE RELATED INSTRUCTION INVENTORY

This tool contains an inventory of the training programs that lead to credentials recognized by the Minnesota Dual-Training Pipeline. This list is not comprehensive but is a good snapshot of the training available to dual trainees in your organization. After selecting your industry and occupation, click "Search" to get a list of training programs, links and details about the programs.

This tool can list programs by industry and occupation in the drop down. If you are interested in searching the location of training programs, try adding the city name to the keyword search box. If you have a program name in mind that might be across multiple occupations, try adding that to the keyword search box.

For help with questions about training programs, providers or additions you'd like to see, contact us at PIPELINE.Program@state.mn.us or 651-284-5355.

Industry   Advanced Manufacturing   ⌄

Select occupation   ALL   ⌄

Keyword search by program or location   keyword

Search   Reset

More Info

Related Instruction Inventory sample

Occupation	Program	Training Institution	Location	Fully Available Online	Credit	Duration	Credential
Agriculture Equipment Mechanic	Advanced Agriculture Technician	South Central College	North Mankato	No	18 credits	Less than 1 year	Certificate
Horticulture Farm Manager	Agri Business	Ridgewater College	Willmar	Yes	72 credits	2 years	Associate's degree
Horticulture Farm Manager	Agri Business	Ridgewater College	Willmar	No	72 credits	2 years	Diploma
Farm Animal Manager	Agri Business	Ridgewater College	Willmar	Yes	72 credits	2 years	Associate's degree
Farm Animal Manager	Agri Business	Ridgewater College	Willmar	No	72 credits	2 years	Diploma
Grain Merchandiser	Agri Business	Ridgewater College	Willmar	Yes	72 credits	2 years	Associate's degree
Grain Merchandiser	Agri Business	Ridgewater College	Willmar	No	72 credits	2 years	Diploma
Agriculture Finance, Lender	Agri Business	Ridgewater College	Willmar	Yes	72 credits	2 years	Associate's degree
Agriculture Finance, Lender	Agri Business	Ridgewater College	Willmar	No	72 credits	2 years	Diploma
Agronomist	Agri Business	Ridgewater College	Willmar	Yes	72 credits	2 years	Associate's degree
Agronomist	Agri Business	Ridgewater College	Willmar	No	72 credits	2 years	Diploma
Crop Farm Manager	Agri Business	Ridgewater College	Willmar	Yes	72 credits	2 years	Associate's degree
Crop Farm Manager	Agri Business	Ridgewater College	Willmar	No	72 credits	2 years	Diploma
Horticulture Farm Manager	Agribusiness	Riverland College	Austin	No	19 credits	1 year	Certificate
Farm Animal Manager	Agribusiness	Riverland College	Austin	No	19 credits	1 year	Certificate
Grain Merchandiser	Agribusiness	Concordia College	Moorhead	No	120 credits	4 years	Bachelor's degree
Grain Merchandiser	Agribusiness	South Central College	North	No	72 credits	2 years	Associate's

- **5 Common Types**
  - Job Shadowing
  - Mentorship
  - Cohort-Based Training
  - Assignment-Based Project Evaluation
  - Discussion-Based Training

- [Tools For Tracking On-The-Job-Training](#)

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[Company Name]

Competency Model for Agriculture Occupation:
Horticulture Farm Manager
Dual-Training Program for

[Employee Name]

Horticulture Farm Manager - An individual who leads a team in the processes of caring for and administering processes to ensure sound production of fruit, vegetables and/or flowers and plants to assure optimum productivity and profits. Horticulture Farm Managers are often responsible for all aspects of plant care, facility repair and maintenance at the site. They also are in-charge of marketing and selling the horticulture products as well.

Training Start Date:	
Anticipated Completion Date:	

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Example of IT Employer doing Pipeline – Jord Bioscience

Kristen Ling, Senior Executive Administrator
Jord Bioscience

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2025 Potential New Occupation(s)

Health Care Services

- Healthcare Social Worker
- Licensed Professional Clinical Counselor
- Licensed Marriage and Family Therapist
- Sonographer
- Orthotic and Prosthetic Technician

Child Care

- School-Age Care Supervisor

Legal Cannabis

- Cannabis Compliance Specialist
- Cannabis Dispensary Supervisor

Transportation

- School Bus Driver
- Automotive Body Repair Technician

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An eligible DTG applicant must meet all the following:

- Be an employer or organization of employers
- Have a dual-training program
- Employ an eligible dual trainee
- Have an agreement with an eligible related instruction training provider
- If annual gross revenue exceeded $25,000,000 in the previous calendar year, pay for at least 25% of related instruction costs
- If a current or prior DTG recipient, be in good standing on all grant requirements
- If a current or prior recipient of other Minnesota State grant programs, be in good standing on all grant requirements.

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Dual Training Grant

The maximum grant request amount is **$165,000** and limited among the following budget categories:

Budget Category	Grantee Maximum Amount	Grantee Match Required	Expenditures	Dual Trainee Maximum Amount
Related Instruction Costs	$150,000	25% match required, if annual gross revenue exceeded $25,000,000 Maximum: $50,000 ($2,000 per dual trainee)	• Tuition • Fees • Required & recommended books • Required & recommended materials	$6,000
Trainee Support Costs	10% of grant request amount, up to $15,000	None	Associated with Related Instruction: • Transportation • Mileage • Lodging • Meals • Tutoring services • Translation and/or interpreter services	None

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2025 Dual Training Grant Timeline

2025 Dual Training Grant Request for Proposal Timeline

https://www.ohe.state.mn.us/mPg.cfm?pageID=216

- Request for Proposal Opens: March 4, 2025
- Technical Question Deadline: April 3, 2025 at 4:00 p.m. CT
- Grants Management System User Registration Deadline: April 9, 2025
- Request for Proposal Deadline: April 15, 2025 at 4:00 p.m. CT
- Applicants Notified about Awards: May 23, 2025
- Grantees Publicly Announced: May 27, 2025
- Mandatory Grantee Orientation: May 29, 2025 from 12:00 to 2:00 p.m. CT
- Prepare Grant Documents: June through July 2025
- Sign Grant Contract: August 2025
- Optional Dual Trainee Welcome Session: August 7, 2025 from 2:00 to 2:45 p.m. CT
- Begin Dual-Training Program: August 2025

*Same timeline for **Dual Training Grant Legal Cannabis Industry.** Some events may include potential applicants and/or grantees from both grant programs. More information about DTG LC available at https://www.ohe.state.mn.us/mPg.cfm?pageID=2620.

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Request for Proposal Writing Workshops

2025 Request for Proposal Writing Workshops

- Registration and detailed information about workshops is available online **HERE**!
- In-Person (St. Paul): March 10, 2025 from 11:00 a.m. to 2:00 p.m. CT
- In-Person (Bemidji): March 12, 2025 from 11:00 a.m. to 2:00 p.m. CT
- Virtual (Microsoft Teams): March 14, 2025 from 9:00 a.m. to 10:45 a.m. CT
- Virtual (Microsoft Teams) Refresh Version: March 14, 2025 from 11:00 a.m. to 12:00 p.m. CT

Potential applicants for **Dual Training Grant Legal Cannabis Industry** are welcome to attend these workshops.

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Dual Training Grant Contacts:
Jacquelynn.Mol.Sletten@state.mn.us &
Grace.Ferdinandt@state.mn.us

Upcoming Minnesota Dual-Training Pipeline Events

Pipeline 101 – Learn even more about the basics and ins and outs of how to set up dual training

Feb. 18, 2025, from 9 to 10 a.m. Register for the webinar here.

All-Industry Forum – Stay tuned for more details June 2025

Pipeline Annual Report 2024

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Thank You!

Dan Solomon
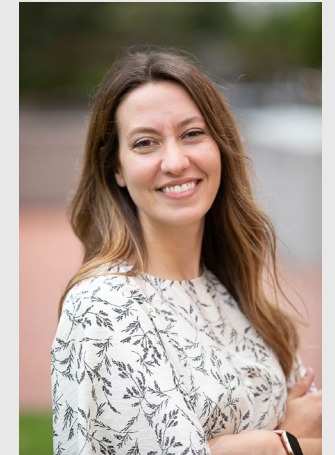Program Manager
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