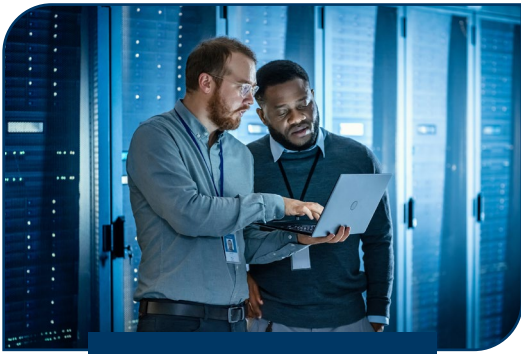


## Industries of focus



Information Technology



Health Care Services



Agriculture



Advanced Manufacturing

# **m** DUAL-TRAINING PIPELINE

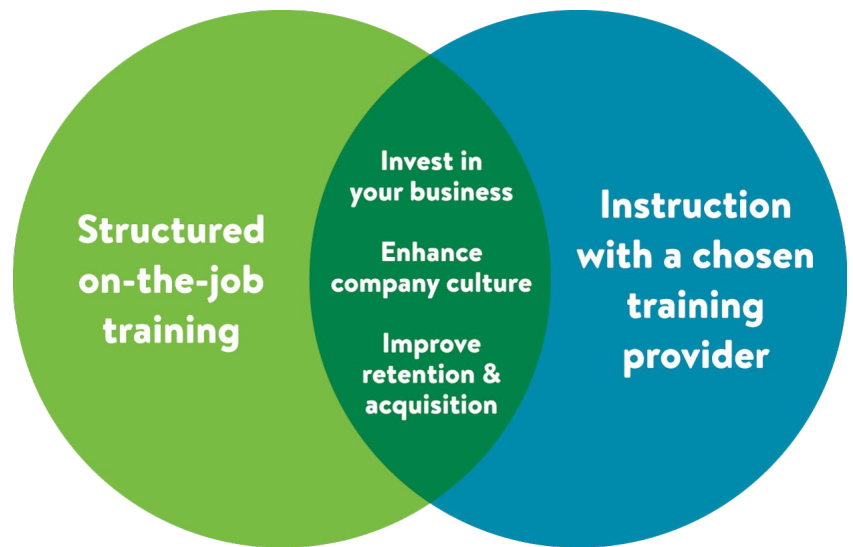
## Industry-based, employer-driven, dual-training experience

Because people are at the heart of success, attracting, retaining and evolving a quality workforce is critical for businesses to remain competitive and prosperous. Minnesota Dual-Training Pipeline helps businesses meet their workforce needs by working with you to create your own robust competency-based, dual-training approach.

Minnesota Dual-Training Pipeline works with employers to bring together structured on-the-job training with formal related education to show how much you value your employees and to create a culture that is supportive, productive and satisfying.

Learn more about the Minnesota Dual-Training Pipeline at [www.dli.mn.gov/pipeline](http://www.dli.mn.gov/pipeline).

## Dual training



## Youth Skills Training Program

Our state's workforce needs the skills and talents that will come from the student pipeline we have in our high schools across Minnesota. As such, Minnesota Dual-Training Pipeline is excited to partner with the Youth Skills Training (YST) Program.

YST encourages, promotes and supports the development of local partnerships among schools, employers and community organizations. YST helps employers create safe and meaningful paid work experiences for 16- and 17-year-old students to get them excited about today's in-demand occupations.

Learn more about YST at [www.dli.mn.gov/yst](http://www.dli.mn.gov/yst).

## Advanced Manufacturing

- CMM programmer
- CNC programmer
- Extrusion molding technician
- Flexo technician
- Injection molding technician
- Logistics and supply chain manager
- Machinist/tool and die maker
- Machinist/CNC operator
- Maintenance and repair worker
- Manufacturing engineer
- Manufacturing production supervisor
- Mechatronics technician
- Print press operator
- Quality assurance/food safety supervisor
- Quality assurance technician
- Robotics operator
- Safety technician
- Solderer
- Welder

## Success stories

Ann Dempster, human resources administrator, Mankato Clinic

- *“Minnesota Dual-Training Pipeline has been such a great program. We have frontline staff going through the medical assistant program, and once they complete the training as a medical assistant, they get to work in direct patient care which is a very important part of the success of our patients. It improves employee satisfaction and furthers the growth of our clinic.”*

Craig Ryan, vice president of Winegar Inc.

- *“Minnesota Dual-Training Pipeline has allowed us to continue to invest in our employees. There is a lot of pride in our CNC operators in obtaining their NIMS certificates. It allows them to advance from an entry-level operator to an intermediate operator in a short period of time. This means a higher level of efficiency for our business as well as our operators being able to receive higher wages for the quality product they are creating.”*

## Get involved

- Work directly with **Minnesota Dual-Training Pipeline consultants** to begin your company’s own dual-training program.
- Take part in **Industry Forums and Competency Validation** to advise and create new workforce development initiatives.
- Join us for **enrichment events** including speaker series and community conversations to continue changing the culture of workplaces in Minnesota.

# Occupations

Employers advise us about their in-demand occupations. Next, employers work with our staff members to lay out core competencies needed to succeed in these careers. These are the current Minnesota Dual-Training Pipeline occupations.

## Information Technology

- Application developer
- Business intelligence developer/architect
- Cloud architect
- Computer user support specialist
- Data science/artificial intelligence 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

## Agriculture

- Ag finance/lender
- Application technician
- Agronomist
- Agriculture equipment mechanic
- Crop farm manager
- Farm animal manager
- Grain merchandiser
- Horticulture farm manager
- Meat cutter/meat processor
- Quality assurance/food safety supervisor
- Swine technician (sow farm)
- Swine technician (grow finish)

## Health Care Services

- Addiction specialist
- Certified nursing assistant
- Community health worker
- Community paramedic
- Critical care nurse
- Dental assistant
- Dental hygienist
- Dental therapist
- Electronic health records specialist
- Emergency room nurse
- EMT to paramedic pathway
- Health support specialist
- Licensed practical nurse
- Medical assistant
- Medical lab assistant
- Medical laboratory scientist
- Medical lab technician
- Ophthalmic technician
- Pharmacy technician
- Phlebotomist
- Positive support analyst
- Positive support specialist
- Psychiatric/mental health technician in-patient
- Psychiatric/mental health technician out-patient
- Physical therapy assistant
- Radiologic technologist
- Registered nurse
- Respiratory therapist
- Senior living culinary manager
- Surgical technologist
- Wound, ostomy, continence (WOC) nurse

## Connect with our team

[www.dli.mn.gov/pipeline](http://www.dli.mn.gov/pipeline)

[Pipeline.Program@state.mn.us](mailto:Pipeline.Program@state.mn.us)

 **DEPARTMENT OF  
LABOR AND INDUSTRY**