

Minnesota P.I.P.E.L.I.N.E. Project

Private Investment, Public Education, Labor & Industry Experience

Welcome!

Advanced Manufacturing Industry Council

DLI wireless code:
443gu3st

Today's Agenda

- **Welcome & Introductions**
- **PIPELINE Project Overview**
- **PIPELINE Project Vision**
- **Business Case**
- **Educational Impact**
- **Competency Standards Framework**
- **Abilities, Knowledge and Skills Activity**
- **Next Steps**



Introductions

- Name
- Organization
- Favorite State Fair Food



Minnesota P.I.P.E.L.I.N.E. Project

Private Investment, Public Education, Labor & Industry Experience

Goal for current project phase:

To develop

- industry approved competency standards
- for three occupations
- in four critical growth industries



Phase II: PIPELINE Project Structure

Milestones	Understanding the Requirements of the Industry	Information Gathering and Decision Making	Approval of Competency Standards by the Industry Council	Submit Legislative Report
Timeline	August 2014	Sep/Oct 2014	Nov/Dec 2014	Jan 15, 2015
Deliverables	<ul style="list-style-type: none"> • Convene Industry Council • Participants understand the project objective & timeline • Identify the occupational gaps in the Industry and explore the required abilities, knowledge & technical skills. 	<ul style="list-style-type: none"> • Learning about other competency Standards Models • Industry council chooses 3 occupations for which to develop competency standards. 	<ul style="list-style-type: none"> • Industry Council approves competency standards for 3 occupations. • Explore training delivery models • Identify next steps 	<ul style="list-style-type: none"> • Report on Progress of Industry Councils
DLI Communications	Session summary	Session summary	Session summary & Draft Report	Report

Industry Council Meeting I

Goals for Today:

1. **Understanding:** The structure, vision and business case for the PIPELINE Project and the development of competency standards.
2. **Identify:** The abilities, knowledge and technical skills needed by this industry.

PIPELINE Project Vision

Senator Terri Bonoff

[link](#)

Business Case for the PIPELINE Project

Kim Arrigoni, Board Officer

Haberman Machine

Educational Impact of the PIPELINE Project

Richard Wagner, President

**Dunwoody College of
Technology**

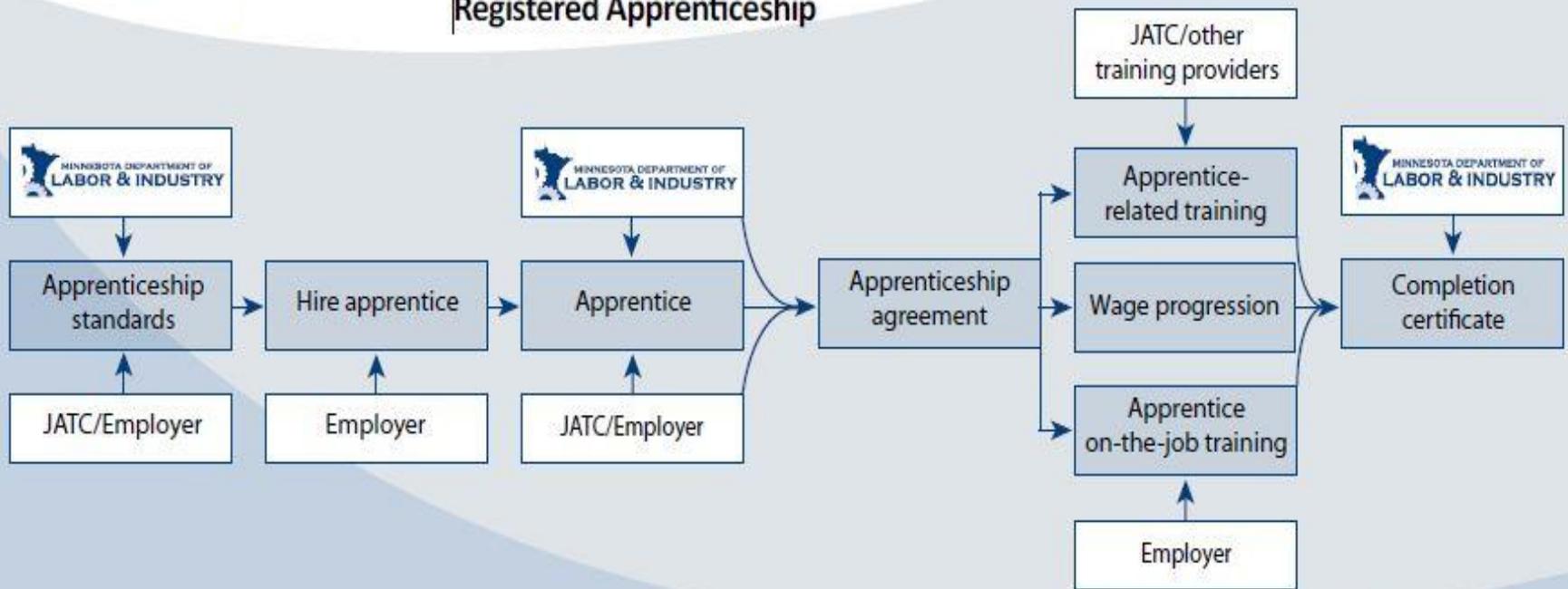
Today's Agenda

- ✓ **Project Overview & Introductions**
- ✓ **PIPELINE Project Vision**
- ✓ **Business Case**
- ✓ **Educational Impact**
- **Competency Standards Framework**
- **Abilities, Knowledge and Skills Activity**
- **Next Steps**



Registered Apprenticeship System Overview

Registered Apprenticeship



Apprenticeship Standards

4 components of
Apprenticeship Standards



1. Apprenticeship Program Administration

2. Conditions of Employment and Wage Progression

3. Work Process

4. Related Technical and Safety Instruction

Professional Competency

Competency Standards Framework



Abilities Brainstorming

Personal Competence



**Personal
and Social
Abilities**

- Interpersonal skills
- “Soft-Skills”
- Behaviors
- Personal Responsibilities

Knowledge Brainstorming

Personal & Professional Competence

- Academic Readiness
- “Core Knowledge”
- Depth and Breadth
- Minimum Qualifications



Skills Brainstorming

- Work Process & Related Instruction components of the Registered Apprenticeship System.
- Instrumental and Essential Skills
- Learned Qualifications

Professional Competence



**Technical and
Specialist Skills**

Next Steps & Closing

Manufacturing Industry Council Meeting II: **Sept. 22, 2014 at DLI at 9:00**

Goals:

1. **Learning:** Competency Standards currently used in Minnesota, U.S. and Internationally
2. **Decision Making:** the 3 occupations for which this industry council will develop competency standards.



Minnesota P.I.P.E.L.I.N.E. Project

Private Investment, Public Education, Labor & Industry Experience

Thank you!

Advanced Manufacturing Industry Council

