

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

Private Investment, Public Education, Labor & Industry Experience

## Welcome!

# Information Technology Industry Council

DLI wireless code:  
**443gu3st**

# Today's Agenda

- **Welcome & Introductions**
- **PIPELINE Project Vision and Overview**
- **Framing this issue for the Information Technology Industry**
- **Occupations and Competencies Activity**
- **Next Steps**



# Introductions

- Name
- Organization
- Favorite State Fair Food

# PIPELINE Project Vision and Overview

**Senator Terri Bonoff**

**Dave Kornecki**

[Bonoff Prezi link](#)

# 21<sup>st</sup> Century – Workforce Development

## 3 Phases of Development

- Phase I – Listening & Data Collection
  - ✓ Completed!
  
- Phase II – Develop a Plan
  - Where we are today
  
- Phase III – Implement & Execute Plan
  - Where we are going

# Phase I – Recap

- ❑ Listening Sessions – MnSCU, DEED & the MN Chamber of Commerce
  - What we learned
  
- ❑ Data Collection & Better Labor Market Information
  - What we now know

# 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"> <li>• Convene Industry Council</li> <li>• Participants understand the project objective &amp; timeline</li> <li>• Identify the occupational gaps in the Industry and explore the required abilities, knowledge &amp; technical skills.</li> </ul>	<ul style="list-style-type: none"> <li>• Learning about other competency Standards Models</li> <li>• Industry council chooses 3 occupations for which to develop competency standards.</li> </ul>	<ul style="list-style-type: none"> <li>• Industry Council approves competency standards for 3 occupations.</li> <li>• Explore training delivery models</li> <li>• Identify next steps</li> </ul>	<ul style="list-style-type: none"> <li>• Report on Progress of Industry Councils</li> </ul>
DLI Communications	Session summary	Session summary	Session summary & Draft Report	Report

# Is the Information Technology Industry alone?

- ❑ Short Answer – NO
  - ❑ This workforce development conversation is taking place in every industry across the nation
  - ❑ Goal – higher efficiency and effectiveness, while taking on a more systematic approach in a rapidly changing & growing global economy
- \* [Success in the New Economy link](#) – written for students by a community college

# Framing the PIPELINE Project

**Margaret Anderson Kelliher**

**Minnesota High Tech  
Association**

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## Project Goal:

To develop

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



# Group Activity: Occupations

What occupations are  
needed?

What are the Skills,  
Knowledge and Abilities  
needed?



# Competency Standards Framework



# Abilities & Core Knowledge

## Personal Competence



- Interpersonal skills
- “Soft-Skills”
- Behaviors
- Personal Responsibilities
- Academic Readiness
- “Core Knowledge”
- Minimum Qualifications

# Skills & Applied Knowledge

## Professional Competence



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

# Next Steps & Closing

## Information Technology Industry Council Meeting II: **Tentative October 3, 9:00 at DLI**

### 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.



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# Thank you!

# Information Technology

# Industry Council

