

Industrial Manufacturing/Engineering Systems  
Meeting Summary – December 2, 2005

**Attendees:** Dennis Tyson, Lisa Jennings Juricek, Gary Nelson (CCC), Ellen Lake (CCC), Dan Davidchik (CCC), John Renzelman (Wayne State), Steve Morton (Norfolk Sr. High), Rhonda Collins (Norfolk Sr High), Harvey Rosenbaum (Norfolk Sr High), Edward Fejfer (Schuyler Central), Lon Clark (Tyco-Healthcare), Lyle Kathol (NECC), Richard Johnson (West Point – Beemer HS), Duane Matson (Behlen Mfg Co.), Kurt Harrison (Columbus-Lakeview High), Lori Scherer (Smeal Fire Appartus), Duane Ohlrich (Industrial Systems & Supply Inc.), Jim Hellbusch (Duo-Lift Mfg Co Inc) Matt Gotschall (CCC), Cindy Baum (NECC)

**Introductions & Welcome** – Lyle

**Pilot progress** – Gary

Part I: SkillsChecklist is in its most “boring” form. Add value to the assessment:

Possibilities:

High school and college curriculum transparent

Articulation

Tech Prep agreements – statewide

Employers – give students a sense of skills for a position in company

Students – portfolio piece and certification process

5 high schools are piloting and receiving a stipend.

Gary asked business and industry

Checklists – prioritize what you CAN get done; all skills may not be met at the high school level. May get pared down to high school level, college level

Pre and Post Assessment – January/Mary (Matt Gotschall) – on both skills and CALS

Part II: Life Skills Assessment – CALS from NDE; PDP from SkillsUSA

Self-paced; 5 parts; takes 2 years to get through; online

Department of Ed – workshop on PDP – January 23 – Greg Stahr

CareerSafe - \$12/student – geared to high school students (OSHA certified) – Harvey Rosenbaum (Norfolk HS) shared more information about the program. Duane Ohlrich asked if it would be a pre-requisite for the welding class. Many expressed concern about the high rate of accidents among youth – over 200,000/year. Age 16-24 are the highest risk of injury.

Schuyler High School (Ed Fejar) – 22 kids went through the training last week

Wayne State is using CareerSafe software along with the textbook.

## **Open House/Career Day – Lyle Kathol**

Generating interest and awareness – among youth and parents

### ***Northeast –***

Auto & Diesel

1. provide information on machines/tools – give demonstration and a snapshot of the career (salaries, skill sets, education)  
4 different career areas –  
Diesel & Automotive – 20 teachers, counselors and bus drivers – provide lunch –  
over 200 attended recent session in October 2005
2. Welding Workshop for teachers – Tech Prep  
AWS standards, competencies, certifications, tests

### ***Columbus – Central***

#### **Discussion:**

WestPoint (Richard Johnson) – hosted at Valmont or Smeal

Columbus will be celebrating their 50<sup>th</sup> year anniversary. Maybe tie in to that... (Duane Matson)

Lori Scherer (Smeal Fire Appartus) – offered her company as a site to host and wants to include Scribner, Dodge-Howells, Oakland –Craig, etc).

Involve kids at the middle school (Harvey Rosenbaum)

Highest need for Vocational Industrial Arts

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### **Awareness Activities/Presentations**

Career Clusters Institute (Phoenix, AZ) – first awareness that career clusters are being done at a national level; Nebraska is not isolated in this initiative.

Governor’s Summit (Omaha, NE) – all pathways were presented

Manufacturing Skills Standards Council (MSSC) (Michigan) – certification for the production worker – focusing on employability skills – McGraw Hill published a book called *High-Performance Manufacturing*. Great for Manufacturing 101 course. MSSC skills standards are infused in the textbook.

CCC is looking at offering certification at their testing centers.

“dream it, do it” (Jim Hellbusch)

### **Strategic Planning**

Bright Lights camp (UNL) to replicate Summer Camp in Columbus/Norfolk

Dr. Riley has offered his graduate assistants to help with the camps.

Possible CNC demonstration

Cindy Baum – Engineering Day (eastern Ohio – video)

**Wayne State College** - enrollment numbers; feedback from bus & industry –

Do you have a need for Ind Mfg BS degree people?

How many people with this degree do you have?

Includes Teacher Ed – 45 students

Ind Technology Construction – 30

Planning & Design (drafting) -15

Ind Tech Safety Management – (5-6 majors) many minors

Ind Tech Manufacturing – 4-5

AAS Degree transfer program

Ind Management