

Bridging the Gap

A Cooperative Effort Between Manufacturing & Education



***Specialized Manufacturing
Strategy Group***

Steve Stewart, Chairman
Director of Human Resources
Excel Foundry & Machine, Inc. - Pekin



ECONOMIC DEVELOPMENT COUNCIL
FOR CENTRAL ILLINOIS
www.edc.centralillinois.org

The Specialized Manufacturing Strategy Group - Who are we?

- **Founded in 2007 as a Subcommittee of the Economic Development Council for Central Illinois**
- **Purpose - To bring together manufacturers and educators to change the view of modern manufacturing, to position regional manufacturing as a smart career path, and to actively engage high school students.**
- **Has evolved into a group of professionals from throughout Central Illinois who REALLY care about our community.**

***Our First Steps
in Bridging the Gap***



Our First Steps in Bridging the Gap



**Manufacturing
Expos**



On-Line Resources
MakeItIllinois.org



**Co-Op Work
Programs**



**In-School
Presentations**



Align Regional Manufacturing with Schools



**Job Shadowing
Opportunities**



**Teacher Resources
& Expertise**



**Career Path
Counseling**

**Closing the Loop
to a Future
in Manufacturing**

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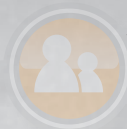
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Discover Manufacturing Expo ***October 24, 2012***



- **Involves nearly 800 students from 30 high schools**
- **Students tour one of five local manufacturing facilities**
- **Lunch and a career expo follows at Peoria Civic Center**
- **Features testimonials from young people who have chosen manufacturing as a career and presentations from regional manufacturers who are in need of new, young talent**



Discover
Manufacturing

CENTRAL ILLINOIS

CAREER
EXPO



***We Need to Bridge the Gap
Between High School Classes
and Manufacturing Careers***

***CNC Machining
Welding
Maintenance***

What Are Our Next Steps?

- **Meet with local high schools**
- **Define the gap for each high school**
- **Create an individual action plan to bridge the gap for each school**
- **Develop a partnership with ICC and the high schools to offer courses in CNC Machining, Welding, and Maintenance**
- **Assist in development and work with educators to embrace programs that lead to certificate opportunities**
- **Develop a consistent curriculum for high school students that can earn a certificate in CNC Machining, Welding, and Maintenance**

Where Do the Gaps Exist?

High School A

No Manufacturing Classes

Where Do the Gaps Exist?

High School A

No Manufacturing Classes

High School B

NIMS
Lathe
Mill

AWS
Welding

Where Do the Gaps Exist?

High School A
No Manufacturing Classes

High School B

NIMS
Lathe
Mill

AWS
Welding

High School C

NIMS
Lathe
Mill
CNC

AWS
Welding

MTN
Maintenance

NIMS - National Institute for Metalworking Certificate
AWS - American Welding Society Certificate
MTN - Maintenance Certificate (to be named)

Standardize Manufacturing Curriculum

We need standardization in High Schools & Illinois Central College

- **NIMS - National Institute for Metalworking Certificate**
- **AWS - American Welding Society Certificate**
- **MTN - Maintenance Certificate (To be named)**

Other Opportunities for High Schools

Manufacturing Co-Op at ICC

- **Junior Year - Basic Manufacturing Classes**
- **Senior Year - Advanced Manufacturing Classes (CNC)**

Manufacturing Co-Op at Manufacturing & ICC

- **Senior Year - On-the-Job Training & High School Manufacturing Classes**
- **Senior Year - On-the-Job Training & ICC Manufacturing Classes**

We have an excellent opportunity...



***We have an excellent opportunity...
Let's join together...***

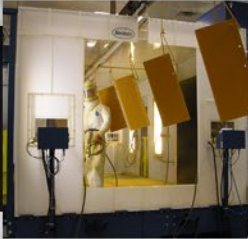


***We have an excellent opportunity...
Let's join together...***



***... to Bridge
the Gap!***

Come take the journey with us . . .
Thank You!



Discover
Manufacturing
in Central Illinois