

MANUFACTURING SKILLS FOR SUCCESS



Program Background:

Goal:

To create a unique workforce development offering that fills the immediate needs of the manufacturing sector and provides career opportunities to a wide array of demographics.

Factors:

- ✓ Address skills gap specific to manufacturing
- ✓ High school equivalency is not a requirement
- ✓ Prepare participants for immediate entry into manufacturing workforce
- ✓ Short-term training program to cater to needs of anticipated demographics



Solution:

In collaboration with Purdue MEP's Board of Advisors, a ten-day bootcamp style program was created to provide individuals with basic manufacturing skills.

Curriculum:

Day 1: Workplace Skills

Day 2: Print Reading for Manufacturing

Day 3: Measurement for Manufacturing

Day 4: Quality Tools & Techniques

Day 5: Problem Solving & Root Cause Analysis

Day 6: 5S System

Day 7: Math for Manufacturing

Day 8: Principles of Lean Manufacturing

Day 9: OSHA 10-Hour - General Industry

Day 10: Effective Communication & Critical Thinking

Participant Credentials:

- Purdue University Certificate of Learning
- OSHA 10-Hour Card - General Industry



OVER
\$6B

ECONOMIC IMPACT

Since 2005, Purdue MEP has helped Indiana manufacturers collectively achieve over \$6.6 billion in economic impact.