

Building Tomorrow's Manufacturing Workforce



Presented By:
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Mission

The mission of the **Manufacturing Training Alliance** is to provide skilled, high tech manufacturing training for unemployed adults, dislocated workers and incumbent workers in Missouri and Illinois. Graduates obtain nationally recognized credentials, jobs with benefits and continuous career development in advanced manufacturing.



MTA Training Certifications

- U.S. Department of Labor Apprenticeship and Training Certification
- National Safety Council (Forklift/OSHA)
- MO. Department of Elementary and Secondary Education WIA Training Certification
- IL. Mid America Workforce Investment Board



Training Programs

- **Manufacturing Technical Prep Program (MTPP)**
The MTPP is a **eight week program** that focus on teaching the basic skills required to work in the manufacturing industry. (shop math, precision measuring, blue print reading, forklift certification and OSHA).
- **Computer Numerical Controlled Machine Operation (CNC)**
The CNC training is an eight week program that will teach participants how to set-up and operate Hi-Tech Computer Numerical Controlled Machines.
- **Computer Aided Drafting and Design (CADD)**
The CADD program is a twelve week program that will teach participants basic drafting, how to use CADD software, and 2-D/ 3-D modeling.
- **DOL Apprenticeship Program**
The MTA Apprenticeship program is a 4000 hour competency-based program designed to give selected candidates on-the-job training as a CNC operator/setup person in a production environment. Graduates of MTA programs can apply for paid apprenticeship positions that will result in a DOL certificate as a CNC Machine Operator/Setup Journey person.

ELIGIBILITY REQUIREMENTS

MTPP

- High school diploma or GED certificate
- Minimum 10th grade reading & math scores
- Drug Free

CNC

- Graduate of the MTPP or equivalent manufacturing work experience
- High school diploma or GED certificate
- Minimum 12th grade reading & math scores
- **Score at least a Level 4 on WorkKeys**
- Drug Free

CADD

- Graduate of the CNC course or equivalent manufacturing work experience
- High school diploma or GED certificate
- Minimum 12th grade reading & math score
- **Score Level 5 or higher on WorkKeys**
- Drug Free



TRAINING SITE

- Metropolitan Education & Training (MET) Center in Wellston, MO.
- One-half block from Wellston Metro Link Station.
- State-of-the art training facility operated by St. Louis County in partnership with numerous agencies.
- Opening a training site in Metro-East in 2008.

MTA SUPPORT SERVICES

- Pre-drug testing
- GED placement assistance
- Scholarships/tuition fees through grants, community partners and employer reimbursement programs
- Math tutoring
- MTA Shop jackets
- Bus/Metro Link passes
- Counseling and Mentors

HIGHER EDUCATION

- Enrollees earn college credits
- Partnership with St. Louis Community College at Florissant Valley
- Plan to partner with a Metro-East college in 2008
- Round-trip transportation to college available from training site at no costs to enrollees

Entry-level Job Placement
\$8.00-\$10.00/hour

Career Placement
\$11.00-\$15.00/hour

Prepared for core classes
for Associate of Sciences
Degree = **HIGHER**
EARNING POTENTIAL
\$16.00+/hour

\$2,500

Skill Level 1
MTP- Prep Classes
200 Hours/8 Weeks

Orientation
Work Keys
Blueprint Reading
Shop Math
Precision Measuring
OSHA Certification
Forklift Certification
Manufacturing Process I
Tooling University

\$4,500

SKILL LEVEL 2
200 Hours/8 Weeks

CNC Training
Tooling University
NIMS (National Institute of
Metalworking Skills)
Certification

\$4,500

SKILL LEVEL 3
200 Hours/8 Weeks

CNC Programming (3
Credits)
Advanced CADD (3 Credits)
IST (6 Credits)
Department of Labor
Apprenticeship

PLACEMENT FAST TRACK

**CLASS
BEGINS**

Months 1&2

Months 3&4

Up to 1 Year

MTA Training Cycle



MTA FUNDING SOURCES

- U. S. Department of Labor: *A partnership grant with ARCHS (lead agency) to implement a Community Action Re-Entry System (CARES) program for ex-offenders.*
- Illinois and Missouri Workforce Investment Boards: *WIA-authorized Individual Development Accounts/training vouchers*

FUNDING SOURCES

- Greater St. Louis Empowerment Zone
- United Way/ARCHS
- Carpenters Joint Training Fund
- Missouri Department of Secondary Education
- Parents Fair Share
- St. Patrick Center

MTA will be seeking funding and collaborative grant opportunities to establish a training site in St. Clair/Madison County.

MTA Partnerships



Partners in Building Tomorrow's Technical Workforce



Social Service Agents

YMCA- St. Louis County

Grace Hill

Salvation Army Community Action Center

Schools & Educators

Urban League of Greater St. Louis

St. Louis Community College

Fathers Support Center

Ranken Technical College

Government, Civic & Employers

Work Link/ BFL

County DHS

Normandy Senior High

St. Louis County Economic Council

Religion

Employment Connection

Hazelwood High Schools

City of Wellston

St. Louis Clergy Coalition

HDC

Eskridge High School

RCGA

Parents Fair Share

University City High School

Dept. of Labor

MERS

SLPS ABE

National Tooling & Machine Assoc.

Veterans Administration

STEP, Inc.

Clyde C. Miller Career Academy

MO. Dept. Of Elem. & Sec. Edu.

St. Patrick Center

Federal Mogul

Catholic Charities

Missouri Career Centers



2003 – 2007 MTA OUTCOMES

- 351 Enrollees
- 249 Enrolled in college and advanced training
- 224 Graduates placed on full-time jobs with benefits
- Entry level avg. placement wage of \$11.66 hour
- \$5.4 Million annual return on investment back to community

PARTNERSHIPS WELCOME



THANK YOU!

