



**STATE
TECHNICAL
COLLEGE**
OF MISSOURI

MoMANUFACTURINGWINS



MoManufacturingWINS Machine Tool Grant participants with instructor, Mr. Becker

Primary Partners:

ABB
Boeing
Department of Corrections
Department of Workforce Development
Lewis & Clark Career Center
Love, Inc.
Missouri Career Centers
RR Donnelley
Statewide Workforce Investment Board of Directors
True Manufacturing
Veterans Association


Supporting Partners:

C&S Business Service
Job Finders
Job Point
Right Turn Re-entry
United Auto Workers Union
Unmet Needs Board
Technology Emergency Consultants

Employer Partners:

ABB
NIKE
True Manufacturing

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MoMANUFACTURINGWINS WELDING AND MACHINING

MoManufacturingWINS is a Federally Funded Trade Act Grant issued by the Department of Labor.

MoManufacturingWINS is a statewide training network that will create opportunities for Missourians to obtain the training they need to work in modern manufacturing shops. MoManufacturingWINS programs enable participants to earn industry recognized credentials that validate students' mastery of skills in specific areas of manufacturing.

State Technical College of Missouri will use MoManufacturingWINS grant funds to increase course offerings in the Machine Tool program at State Tech and at Lewis and Clark Career Center in St. Charles, Missouri. This program of study will train participants on National Institute of Metalworking Skills (NIMS) Level 1 Certifications, the National Career Readiness Certificate (NCRC) and the National Career Readiness Certificate Plus (NCRC Plus). A participant is required to earn their NCRC and achieve a math score of 4 on the NCRC math exam before entering into a machining class. Participants will be eligible to test for their NCRC Plus throughout the program. These standards align with the American College Testing's (ACT) Machine Tooling industry standards.

State Tech's MoManufacturingWINS machining classes will offer four areas of certification:

Measurement, Materials, and Safety
Job Planning, Bench work and Layout
CNC Turning Operator
CNC Milling Operator

State Tech will use MoManufacturingWINS grant funds to offer an Introduction to Welding program of study on campus. This program will be taught on Saturdays in Linn.

This program will introduce a variety of welding techniques:

Safety and Health of Welders
Drawing and Welding Symbol Interpretation
Welding Inspection and Training

Gas Metal Arc Welding
Flux Cored Arc Welding
Gas Tungsten Arc Welding

Thermal Cutting Process
Shielded Metal Arc Welding
Metal Arc Welding

State Tech will train over 270 participants during the grant period. Enrollment of grant participants is based on four target populations: unemployed adults, underemployed adults, low-skilled adults, and TAA affected adults. Participants must be American citizens over the age of 18. Veterans Priority of Service applies to the MoManufacturingWINS programs of study at State Tech.

Equivalence exams to obtain credit for prior learning are available to qualified participants.

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