

GROWTH OPPURTUNITIES IN MANUFACTURING & WELDING

CALCULATE THE LABOR SHORTAGE

2.7 MILLION
Baby Boomer retirements
+700 THOUSAND
Manufacturing jobs created
from economic expansion

=3.4 MILLION
Manufacturing jobs likely
to be needed by 2025
-1.4 MILLION
Manufacturing jobs likely
to be filled

**=2 MILLION
JOBS UNFILLED**

2 Million jobs projected to be unfilled due to the skills gap in 2025. 1.4 Million more than in 2011.

EMPLOYMENT EXPECTATIONS FOR WELDING



DOORS OPENING

30,000 new welders must enter the workforce each year to keep up with demand and offset retirements.

372K Approximately 372,000 welding jobs will be needed over the next 10 years

42%

of current working welders are OVER forty-five years of age.

THE CHANGING FACE OF MANUFACTURING INNOVATION



3D PRINTING

Greater than two thirds of U.S. manufacturers are using 3D printing in some way.

94%

of U.S. manufacturers believe it is critical that U.S. manufacturers adopt an Internet of Things (IoT) strategy in their operations.

37%

of U.S. manufacturers believe that the adoption of advanced manufacturing technologies will result in their hiring additional employees.

MANUFACTURING REMAINS RELEVANT



12.5M WORKERS

12.5 million manufacturing workers in the United States, accounting for 8.5 percent of the workforce.



\$82,023 AVERAGE

In 2016, the average manufacturing worker in the United States earned \$82,023 annually.

83%

of Americans believe manufacturing is key to the country's economic prosperity.

76%

of Americans that believe we should invest more in manufacturing.

WELDING CAREER OPPORTUNITIES



WELDER



TECHNOLOGIST



WELDING INSPECTOR



WELDING ENGINEER



WELDING INSTRUCTOR



TECH. SALES REP.



ROBOTIC TECHNOLOGIST



METALLURGIST