



# APPRENTICESHIP PROGRAM

## Welding, Combination

### PROGRAM OUTCOMES:

- Work safely and independently with others.
- Demonstrate welding skills and theory at entry- and advanced levels according to nationally recognized welding standards and codes.
- Think critically, problem-solve, and use creativity.
- Read and interpret welding drawings and sketches.

### PROGRAM LENGTH:

- Diploma hours: 740
- AAS hours: 655
- A Probationary period of 500 hours for both Diploma and AAS

### CERTIFICATION:

- Advanced Welding Certificate
- Manual Welding Certificate
- Production Welding Certificate

### ON-THE-JOB LEARNING COMPETENCIES:

- Maintain safety and operate welding equipment
- Measure dimensions of completed products or workpieces to verify conformance to specifications.
- Notify others of equipment repair or maintenance needs.
- Watch operating equipment to detect malfunctions.



### JOB FUNCTIONS:

- Will be Observing, receiving, and otherwise obtaining information from all relevant sources.
- Inspect equipment, structures, or materials to identify the cause of errors, problems, or defects.
- They identify information by categorizing, estimating, recognizing differences or similarities, and detecting changes in circumstances or events.
- Handling, installing, positioning, moving materials, and manipulating things.
- Monitoring and reviewing information from materials, events, or the environment, to detect and assess problems.

### SKILLS:

- Attention to Detail, Mathematical skills, and Time management

