

Welding Technology: Blueprint Reading for Welding

Practice and perform safe shop procedures at all times. [BRW1](#)

1 Practice and perform safe shop procedures at all times. [BRW1](#)

Apply the technical math required for employment opportunities in welding. [BRW2](#)

2 Apply the technical math required for employment opportunities in welding. [BRW2](#)

Perform all duties with emphasis on [BRW3](#)

a integrity [BRW3A](#)

b responsibility [BRW3B](#)

c quality [BRW3C](#)

d discipline [BRW3D](#)

e teamwork [BRW3E](#)

Interpret lines. [BRW4](#)

4 Interpret lines. [BRW4](#)

Interpret views to include AWS and ISO symbols when needed. [BRS5](#)

5 Interpret views to include AWS and ISO symbols when needed. [BRS5](#)

Interpret conventional and datum line dimensions. [BRW6](#)

6 Interpret conventional and datum line dimensions. [BRW6](#)

Interpret and apply tolerances. [BRW7](#)

7 Interpret and apply tolerances. [BRW7](#)

Interpret section lines. [BRW8](#)

8 Interpret section lines. [BRW8](#)

Interpret sectioning. BRW9

9 Interpret sectioning. BRW9

Interpret and apply American Welding Society welding symbols. BRW10

10 Interpret and apply American Welding Society welding symbols. BRW10

Interpret and apply International Standard welding symbols. BRW11

11 Interpret and apply International Standard welding symbols. BRW11

Draw shop sketches. BRW12

12 Draw shop sketches. BRW12

Interpret various types of prints to include fabrication, repair, structural steel, and piping prints. BRW13

13 Interpret various types of prints to include fabrication, repair, structural steel, and piping prints. BRW13

Read and interpret blueprints. BRW14

14 Read and interpret blueprints. BRW14

Complete projects from prints. BRW15

15 Complete projects from prints. BRW15

Practice controlling distortion. BRW16

16 Practice controlling distortion. BRW16

Practice repairing distortion. BRW17

17 Practice repairing distortion. BRW17