

# Welding Technology: Blueprint Reading for Welding

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

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

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

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

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

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**a** integrity [BRW3A](#)

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**b** responsibility [BRW3B](#)

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**c** quality [BRW3C](#)

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**d** discipline [BRW3D](#)

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**e** teamwork [BRW3E](#)

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Interpret lines. [BRW4](#)

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**4** Interpret lines. [BRW4](#)

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

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

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

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

Interpret and apply tolerances. [BRW7](#)

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

Interpret section lines. [BRW8](#)

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**8** Interpret section lines. [BRW8](#)

**Interpret sectioning.** BRW9

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**9 Interpret sectioning.** BRW9

**Interpret and apply American Welding Society welding symbols.** BRW10

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**10 Interpret and apply American Welding Society welding symbols.** BRW10

**Interpret and apply International Standard welding symbols.** BRW11

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**11 Interpret and apply International Standard welding symbols.** BRW11

**Draw shop sketches.** BRW12

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**12 Draw shop sketches.** BRW12

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

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

**Read and interpret blueprints.** BRW14

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**14 Read and interpret blueprints.** BRW14

**Complete projects from prints.** BRW15

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**15 Complete projects from prints.** BRW15

**Practice controlling distortion.** BRW16

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**16 Practice controlling distortion.** BRW16

**Practice repairing distortion.** BRW17

**17 Practice repairing distortion.** BRW17