Kentucky CTE

# Welding Technology: Blueprint Reading for Welding

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| **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 |
| **Int lin** | Skip to main content **nterpret section lines.** BRW8 |

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| **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 |