

# Welding Technology: Cutting Processes and Lab

Practice and perform safe shop procedures at all times. [CPL1](#)

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**1** Practice and perform safe shop procedures at all times. [CPL1](#)

Apply the technical math required for employment opportunities in welding. [CPL2](#)

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**2** Apply the technical math required for employment opportunities in welding. [CPL2](#)

Perform all duties with emphasis on [CPL3](#)

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**a** integrity [CPL3A](#)

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**b** responsibility [CPL3B](#)

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**c** quality [CPL3C](#)

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**d** discipline [CPL3D](#)

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**e** teamwork [CPL3E](#)

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Practice cutting processes safety procedures. [CPL4](#)

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**4** Practice cutting processes safety procedures. [CPL4](#)

Discuss the welding theories of operation. [CPL5](#)

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**5** Discuss the welding theories of operation. [CPL5](#)

Discuss setup and operating techniques. [CPL6](#)

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**6** Discuss setup and operating techniques. [CPL6](#)

Apply principles of troubleshooting and making minor equipment repairs. [CPL7](#)

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**7** Apply principles of troubleshooting and making minor equipment repairs. [CPL7](#)

**Identify, evaluate, repair, and prevent reoccurrence of discontinuities of cut surfaces. CPL8**

**8 Identify, evaluate, repair, and prevent reoccurrence of discontinuities of cut surfaces. CPL8**