

# Industrial Maintenance Technology: Applied Machining I (for Industrial Maint.)

Practice and perform safe shop procedures at all times. [AMI1](#)

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**1** Practice and perform safe shop procedures at all times. [AMI1](#)

Apply the technical math required for employment opportunities in maintenance. [AMI2](#)

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**2** Apply the technical math required for employment opportunities in maintenance. [AMI2](#)

Perform all duties with emphasis on [AMI3](#)

**a** integrity [AMI3A](#)

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**b** responsibility [AMI3B](#)

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**c** quality [AMI3C](#)

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**d** discipline [AMI3D](#)

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**e** teamwork [AMI3E](#)

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Machine and finish holes on the vertical and horizontal mills. [AMI4](#)

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**4** Machine and finish holes on the vertical and horizontal mills. [AMI4](#)

Cut and finish different types of key seats. [AMI5](#)

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**5** Cut and finish different types of key seats. [AMI5](#)

Select and use different types of milling cutters. [AMI6](#)

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**6** Select and use different types of milling cutters. [AMI6](#)

**Select and perform basic grinding operations.** AMI7

**7 Select and perform basic grinding operations.** AMI7

**Machine holes on a vertical mill.** AMI8

**8 Machine holes on a vertical mill.** AMI8

**Form mill on a vertical mill.** AMI9

**9 Form mill on a vertical mill.** AMI9

**Mill key seats.** AMI10

**10 Mill key seats.** AMI10

**Mill an angle on a vertical mill.** AMI11

**11 Mill an angle on a vertical mill.** AMI11

**Cut and finish holes on vertical and horizontal mills.** AMI12

**12 Cut and finish holes on vertical and horizontal mills.** AMI12

**Demonstrate the care and safe use of machine grinders.** AMI13

**13 Demonstrate the care and safe use of machine grinders.** AMI13

**Select grinding wheels.** AMI14

**14 Select grinding wheels.** AMI14

**Classify metals and metal shapes.** AMI15

**15 Classify metals and metal shapes.** AMI15