

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

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

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

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

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

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

a integrity [AMI3A](#)

b responsibility [AMI3B](#)

c quality [AMI3C](#)

d discipline [AMI3D](#)

e teamwork [AMI3E](#)

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

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

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

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

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

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