Kentucky CTE

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

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| **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 |

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| **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 |