Kentucky CTE

Advanced Manufacturing: Computerized Manufacturing and Machining: Applied Machining I 470911 (2026–2027)

Practice and perform safe shop procedures at all times. 1	1 Practice and perform safe shop procedures at all times. 1
Apply the technical math required for employment opportunities in machining. 2	2 Apply the technical math required for employment opportunities in machining. 2
Perform all duties with emphasis on integrity, responsibility, quality, discipline and teamwork. 3	3 Perform all duties with emphasis on integrity, responsibility, quality, discipline and teamwork. 3
Machine and finish holes on the milling machine. 4	4 Machine and finish holes on the milling machine. 4
Cut and finish different types of key seats. 5	5 Cut and finish different types of key seats. 5
Select and use different types of milling cutters. 6	6 Select and use different types of milling cutters. 6
Se gri	elect and perform basic grinding operations. 7

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Machine holes on a vertical mill. 8	**8 Machine holes on a vertical mill.** 8
Form mill on a vertical mill. 9	**9 Form mill on a vertical mill.** 9
Mill key seats. 10	**10 Mill key seats.** 10
Mill an angle on a vertical mill. 11	**11 Mill an angle on a vertical mill.** 11
Demonstrate the care and safe use of machine grinders. 12	**12 Demonstrate the care and safe use of machine grinders.** 12
Select grinding wheels. 13	**13 Select grinding wheels.** 13
Classify metals and metal shapes. 14	**14 Classify metals and metal shapes.** 14