Kentucky CTE

Advanced Manufacturing: Computerized Manufacturing and Machining: Metrology/Control Charts 470928 (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
Demonstrate and practice the correct use of gauging equipment. 4	4 Demonstrate and practice the correct use of gauging equipment. 4
Demonstrate the use of gauging equipment in part inspection. 5	5 Demonstrate the use of gauging equipment in part inspection. 5
Demonstrate knowledge of common control chart information. 6	6 Demonstrate knowledge of common control chart information. 6
Use gauging equipment to supply control charts	Use gauging equipment to supply control charts with chart information. 7

Skip to main content

with chart information. 7

Discuss Coordinate Measuring Machine. 8

8 Discuss Coordinate Measuring Machine. 8

Demonstrate and practice the correct use of an optical comparator. 9

9 Demonstrate and practice the correct use of an optical comparator. 9

Demonstrate knowledge, skills and abilities of applied statistics as outlined in the NIMS Framework for Machining Skills. 10

10 Demonstrate knowledge, skills and abilities of applied statistics as outlined in the NIMS Framework for Machining Skills. 10

Identify parts and materials from various reference books and manuals. 11

11 Identify parts and materials from various reference books and manuals. 11