Kentucky CTE

Advanced Manufacturing: Computerized Manufacturing and Machining: Introduction to Conversational Programming 470926 (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
Identify and practice preventative measures. 4	4 Identify and practice preventative measures. 4
Identify and explain the handling procedure for hazardous material. 5	5 Identify and explain the handling procedure for hazardous material. 5
Practice safe use of CNC mi	6 Practice safe use of CNC milling machines. 6

Skip to main content

Use conversational programming of CNC machine tools. 7

7 Use conversational programming of CNC machine tools. 7

Complete projects using the skills obtained in the classroom in work situations. 8

8 Complete projects using the skills obtained in the classroom in work situations. 8

Write a conversational program. 9

9 Write a conversational program. 9

Troubleshoot the program and correct mistakes. 10

10 Troubleshoot the program and correct mistakes. 10

Respond to prompts. 11

11 Respond to prompts. 11

Prepare a conversational program. 12

12 Prepare a conversational program. 12

Edit existing conversational programs. 13

13 Edit existing conversational programs. 13

Perform machining operations using programs created by students. 14

14 Perform machining operations using programs created by students. 14

Respond to prompts correctly to build a program. 15

15 Respond to prompts correctly to build a program. 15

Prepare a program in conversational language. 16

16 Prepare a program in conversational language. 16

Compare conversational input to coded input. 17

17 Compare conversational input to coded input. 17

Determine errors in pr th

18 Determine errors in programs and correct them. 18

Skip to main content

Look for improvements in the process of a program. 19

19 Look for improvements in the process of a program. 19

Insert blocks of information into programs. 20

20 Insert blocks of information into programs. 20

Delete blocks of information from programs. 21

21 Delete blocks of information from programs. 21