Kentucky CTE

Advanced Manufacturing: Wood Manufacturing: Introduction to Computer-Aided Drafting 480110 (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. 2	**2 Apply the technical math required for employment opportunities.** 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
Describe, using correct computer terminology, basic computer functions, uses of computers in society and different types of software. 4	**4 Describe, using correct computer terminology, basic computer functions, uses of computers in society and different types of software.** 4
Discuss ethical computing issues, such as copyright, privacy, security, and property. 5	**5 Discuss ethical computing issues, such as copyright, privacy, security, and property.** 5
Us int Skip to main content	**Ise graphical user interface.** 6

Use computer application programs. 7	7 Use computer application programs. 7
Access information sources found on networks such as the internet and gain experience with web browsers, search sources, and sources of information related to their field. 8	8 Access information sources found on networks such as the internet and gain experience with web browsers, search sources, and sources of information related to their field. 8
Demonstrate an awareness of different types of software applications. 9	9 Demonstrate an awareness of different types of software applications. 9
Produce line entities using various coordinate techniques. 10	10 Produce line entities using various coordinate techniques. 10
Construct geometric shapes in two-dimensional space. 11	11 Construct geometric shapes in two-dimensional space. 11
Develop detailed orthographic views as required. 12	12 Develop detailed orthographic views as required. 12
Construct cross sections of various designs, with cross-hatching incorporated as desired. 13	13 Construct cross sections of various designs, with cross-hatching incorporated as desired. 13
Apply dimensions and annotations to drawings. 14	14 Apply dimensions and annotations to drawings. 14
Move, copy, delete, and save drawings or portions of drawings. 15	15 Move, copy, delete, and save drawings or portions of drawings. 15
Us dr	Use CAD to manipulate drawings by means of translation, rotation, scaling, zooming, panning, and windowing. 16

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translation, rotation, scaling, zooming, panning, and windowing. 16

Explore 3-D drawing techniques. 17

17 Explore 3-D drawing techniques. 17