Kentucky CTE

Advanced Manufacturing: Computer-Aided Design: Intermediate Computer-Aided Drafting 480112 (2026–2027)

Demonstrate and practice safe work habits in all areas at all times. 1	1 Demonstrate and practice safe work habits in all areas at all times. 1
Demonstrate, through practice and communications, a comprehensive working knowledge of CAD drafting and the drafting symbols associated with one or more design applications. 2	2 Demonstrate, through practice and communications, a comprehensive working knowledge of CAD drafting and the drafting symbols associated with one or more design applications. 2
Produce complex drawings through the use of CAD techniques. 3	3 Produce complex drawings through the use of CAD techniques. 3
Use CAD to calculate perimeters and areas for design features. 4	4 Use CAD to calculate perimeters and areas for design features. 4
Construct three-dimensional models using various techniques. 5	5 Construct three-dimensional models using various techniques. 5
Project two-dimensional orthographic and axonometric views and sections of the three-dimensional models. 6	6 Project two-dimensional orthographic and axonometric views and sections of the three-dimensional models. 6

Skip to main content

Use advanced CAD operations. 7

7 Use advanced CAD operations. 7