

Drafting - CAD (2023)

The following competency is to be taught within ALL technical level courses offered in your school's approved pathway 0

1 Demonstrate an understanding of industry standards for personal safety including the safe use of tools, equipment, and hazardous materials. 0.1

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1 Identify and demonstrate the use of CAD commands and system peripherals. 1.1

2 Demonstrate the ability to dimension drawings on the CAD system. 1.2

3 Demonstrate proficiency in setting limits and scale on the CAD system. 1.3

4 Demonstrate proficiency in setting, turning on and turning off layers. 1.4

5 Create standard drawings for templates. 1.5

6 Demonstrate the ability to load, store files, and transport files via Internet. 1.6

7 Place text on a drawing and be able to change to different font styles, sizes, and angles. 1.7

8 Be proficient in the use of printer/plotter operations. 1.8

9 Demonstrate ability to place text on a drawing and change to different font styles, sizes, and angles. 1.9

10 Demonstrate ability to dimension drawings on the CAD system. 1.10

11 Demonstrate proficiency in setting limits and scale on the CAD system. 1.11

12 Construct drawings using straight line, circle, and hidden line statements, etc. 1.12

13 Construct isometric and 3D drawings. 1.13

14 Set grid and snap specifications. 1.14

15 Define and use commands to modify a drawing. 1.15

16 Use symbols (from a symbol library) in a drawing. 1.16