

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