

Plumbing Technology (2023)

The following competencies are to be taught within ALL application 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](#)
- 2 Demonstrate time management skills.** [0.2](#)
- 3 Create and utilize employment documents including a resume and portfolio.** [0.3](#)
- 4 Demonstrate job seeking and interview skills.** [0.4](#)
- 5 Understand and respond to performance reviews.** [0.5](#)

Benchmark 1 [1](#)

- 1 Demonstrate proper use of basic hand and power tools used in the plumbing trade.** [1.1](#)
- 2 Correctly measure, cut and join plastic, carbon steel and/or stainless steel piping/tubing.** [1.2](#)
- 3 Identify and install the most common types of sinks and toilets.** [1.3](#)
- 4 Identify and describe the functions of the major components of a water distribution system.** [1.4](#)
- 5 Identify and install pipe hangers and supports.** [1.5](#)
- 6 Identify the types of schedules and drawings used within the plumbing trade.** [1.6](#)
- 7 Demonstrate proper soldering techniques.** [1.7](#)
- 8 Identify different types of plumbing systems and their components.** [1.8](#)
- 9 Demonstrate proper safety procedures within the plumbing trade.** [1.9](#)
- 10 Troubleshoot and repair water supply, water heater, and water drainage problems.** [1.10](#)