

# 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