

# Pipefitting 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

Demonstrate proper safety procedures within the pipefitting trade. 1

- 1 Demonstrate proper safety procedures within the pipefitting trade. 1.1
- 2 Identify piping schedules (thickness) and applications. 1.2
- 3 Correctly measure, cut, ream, thread, and join carbon steel pipe. 1.3
- 4 Describe and identify common fitting used in the pipefitting trade. 1.4
- 5 Identify and install pipe hanging systems and supports. 1.5
- 6 Demonstrate proper use basic hand and power tools used in the pipefitting trade. 1.6
- 7 Demonstrate proper mathematical equations used to figure piping offsets. 1.7
- 8 Identify the types of drawings/schedules used in the pipefitting trade. 1.8