# Pipefitting Techology Course No. 17061 Credit: 1.0

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| --- | --- | --- | --- |
| **Student name:**  |  | **Graduation Date:** |  |

Pathways and CIP Codes: Construction & Design (46.0000) - Construction Strand

Course Description: An **application level** course designed to provide students with exposure to and training in the theories, equipment, and skills needed to perform pipefitting techniques. (Prerequisite: 17002/Carpentry.)

Directions:The following competencies are required for full approval of this course. Check the appropriate number to indicate the level of competency reached for learner evaluation.

**RATING SCALE:**

4. Exemplary Achievement: Student possesses outstanding knowledge, skills or professional attitude.

3. Proficient Achievement:Student demonstrates good knowledge, skills or professional attitude. Requires limited supervision.

2. Limited Achievement:Student demonstrates fragmented knowledge, skills or professional attitude. Requires close supervision.

1. Inadequate Achievement:Student lacks knowledge, skills or professional attitude.

0. No Instruction/Training:Student has not received instruction or training in this area.

## Benchmark 0: The following competencies are to be taught within ALL application level courses offered in your school's approved pathway.

### Competencies

| **#** | **DESCRIPTION** | **RATING** |
| --- | --- | --- |
| 0.1 | Demonstrate an understanding of industry standards for personal safety including the safe use of tools, equipment, and hazardous materials. |  |
| 0.2 | Demonstrate time management skills. |  |
| 0.3 | Create and utilize employment documents including a resume and portfolio. |  |
| 0.4 | Demonstrate job seeking and interview skills. |  |
| 0.5 | Understand and respond to performance reviews. |  |

## Benchmark 1: Click or tap here to enter text.

### Competencies

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

I certify that the student has received training in the areas indicated.

Instructor Signature:

For more information, contact:

CTE Pathways Help Desk

(785) 296-4908

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